# REMEDIAL EXCAVATION/ SITE CLOSURE REPORT

October 14, 1998

Mobil Jalk Fee Property 10607 Norwalk Boulevard Santa Fe Springs, California

Alton Project No. 23-0134

Prepared For:

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Mobil Jalk Fee Property October 14, 1998

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# **Remedial Excavation/Site Closure Report**

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#### 1.0 INTRODUCTION AND OBJECTIVES

This report presents the results of remedial excavation activities for the Mobil Jalk Fee Property, located at 10607 Norwalk Boulevard in Santa Fe Springs, California (Figure 1). This work has been conducted in accordance with the Alton Geoscience Site Assessment Report/Remedial Action Plan (RAP) dated October 10, 1997, as approved by the Regional Water Quality Control Board, Los Angeles Region (LARWQCB), in a letter dated November 19, 1997.

The general objective of any remedial action is to reduce the toxicity, mobility, or volume of contaminated materials. This objective is designed to remediate hazardous materials in a manner that will protect both public health and the environment. The recommended goals for the remediation of the site are to reduce contaminant concentrations in soil to levels acceptable to the LARWQCB; and/or demonstrate by risk assessment, monitoring, or modeling that the leaching potential of the contaminants present are not significant, and therefore, pose minimal risk to human health and the environment. Results of risk assessment and modeling of leaching potential are presented in the RAP (Alton, 1997). This report will outline the mass removal of contaminated concentrations in soil.

The objective of these remedial activities were to:

- Reduce the residual near-surface crude oil and chlorinated solvent concentrations in soil, through excavation, to levels that eliminate potential exposure pathways and allow site development activities to proceed.
- Obtain regulatory closure and no further action on soil issues at this site.

#### 2.0 SITE DESCRIPTION

The site consists of approximately 8.8 acres of undeveloped land located in the southwest portion of an active oil field. The site has been used for oil production from the 1920s to the present; the current tenant, Hathaway Company, has conducted oil production activities since the 1980s (McLaren Hart, 1994b referencing Levine-Fricke, 1991a and 1991b). Current and previous site structures include the following:

• Four active oil production wells (three along the northern property boundary [Well #s 111, 112, and 113] and one along the southern property boundary [Well #117]) are present at the site (Figure 2). Five additional oil production wells were previously abandoned (McLaren Hart, 1994b referencing Levine-Fricke, 1991b).

- A tank battery consisting of six above-ground tanks is located in the northwest corner of the site (Figure 2).
- Eight former sumps (mud pits) associated with oil drilling and production have been observed in historic aerial photographs (Levine-Fricke, 1991b).
- From approximately 1920 to 1942, a small oil refuse area (boneyard area) used for the storage of metal objects was present in the southwest portion of the property (Figure 2) (Levine-Fricke, 1991b).
- In the late 1920s and early 1930s, above-ground storage tanks were located in the southeast portion of the property (Levine-Fricke, 1991b).

Trucking operations were performed in the central portion of the site (Figure 2; dates unknown; McLaren Hart 1996c). The northeastern portion of the site was, at one time, leased to a company that used solvents (dates, additional details not listed) (McLaren Hart, 1994b).

Adjacent properties have been developed for industrial and commercial use. The Continental Heat Treating, Inc. facility, located adjacent to the southeastern property boundary of the site, uses tetrachloroethene (PCE) for business operations. The company has been operating at this location since 1969 (McLaren Hart, 1993).

An ongoing groundwater characterization study is being conducted by the Oil Field Reclamation Project (OFRP) on approximately 272 acres of land adjacent to the site to the northeast. Area B of the OFRP project is located approximately 750 feet northeast (upgradient) of the Jalk Fee Property. The results of the OFRP study demonstrate that dissolved-phase hydrocarbons have impacted groundwater regionally with volatile organic compounds (VOCs) including benzene, PCE, and trichloroethene (TCE) and semi-volatile organic compounds (SVOCs) including phenolic compounds (McLaren Hart, 1996b).

#### 3.0 SUMMARY OF REMEDIAL ACTIVITY

Excavation boundaries, as proposed in the RAP, were based on soil laboratory results obtained from 22 Geoprobe-type borings and 9 hollow stern auger borings drilled to total depths ranging from 17 to 62 fbg in June and July 1997 (Figure 3). Additionally, data from previous site assessment activities was compiled to further identify the lateral and vertical extent of TRPH-and chlorinated solvent-affected soil.

#### 3.1 Prefield Activities

Underground Service Alert (USA ticket number: 124860) was notified on May 29, 1998. Additionally, a geophysical survey was performed on June 1, 1998, in the general vicinity of the proposed remedial excavations. Multiple subsurface utility lines associated with former and current oil field activities were identified.

Active subsurface lines associated with the ongoing petroleum production activities being conducted by the Hathaway Company were identified within 14 feet of southern property line. As a result, the locations of the proposed southern limits of the southern excavations were shifted to the north approximately 10 feet.

In a letter dated June 3, 1998, Alton Geoscience made notification of initiation of remedial activities to the LARWQCB. The letter confirmed a June 2, 1998 telephone conversation between Mr. Michael Pitta of Alton Geoscience and Ms. Manjulika Chakrabarti of the LARWQCB.

#### 3.2 Remedial Excavation

Excavation activities were initiated on June 8, 1998, and completed on June 22, 1998. The limits of the excavations were predetermined during site assessment activities as detailed in the RAP. Remedial excavations were performed in three separate locations (Excavations I, II, and III; Figure 3). Excavations I and II were located along the southeastern property boundary and Excavation III was located in the eastern, central portion of the property.

The RAP specified excavation of TRPH- and chlorinated solvent-affected soil to a minimum depth of 5 fbg. Vertical and lateral proposed excavation boundaries were extended, when feasible, based on field screening of soil samples. The following is a summary of the total depths of each excavation:

- Excavation I extended to a depth of approximately 11.5 fbg.
- Excavation II ranged from a total depth of approximately 6 to 15 fbg.
- Excavation III ranged from a total depth of approximately 6 to 14 fbg.

A total of approximately 2,600 tons of TRPH- and/or chlorinated solvent-affected soil were removed during these remedial activities.

# 3.3 Soil Sampling

Based on previous site assessment activities, soil within the area of Excavation I and the western portion of Excavation II were known to have detectable concentrations TRPH and chlorinated solvents. Soil in the eastern portion of Excavation II and Excavation III were impacted primarily with TRPH (crude oil). Refer to Figure 3 for a spatial summary of soil laboratory results obtained from site assessment activities performed in June and July 1997.

During remedial excavation activities, verification samples were collected from the sidewalls and base of the excavations to confirm the removal of near surface TRPH- and chlorinated solvent-affected soil. Soil samples were screened in the field with a state-certified mobile laboratory for chlorinated solvents by EPA Method 8010 and for TRPH by EPA Method 418.1. Verification soil samples from Excavations I and II, were transported to a state-certified laboratory capable of analyzing for halogenated volatile organic compounds (HVOCs) by EPA Method 8260. Refer to Table 1 for summary of results of laboratory analysis of soil samples and Appendix A for copies of the official laboratory reports and general field procedures.

### 3.4 Backfill and Compaction

Excavations I, II, and III were backfilled and compacted between June 18 and June 22, 1998, under the supervision of a registered engineer. Each excavation was backfilled with imported fill from the West Coast Sand and Gravel facilities in Irwindale and Riverside, California. Field density test results showed that the compaction of backfill met minimum 90 percent relative compaction. Refer to Appendix B for a copy the official report for excavation backfill.

## 3.5 Soil Disposal

Soil generated during remedial excavation activities was temporarily stockpiled onsite awaiting transport to an appropriate disposal facility. Between July 22 and 24, 1998, approximately 2,050 tons of TRPH- and chlorinated solvent-affected soil were transported offsite to the TPS Technologies thermal treatment facility in Adelanto, California, for disposal/recycling. Approximately 550 tons of TRPH-affected soil was transported to the Mobil refinery in Torrance, California, for disposal/recycling. Refer to Tables 2A, 2B, and 2C for a summary of results of laboratory analysis of stockpile samples and to Appendix C for copies of the official non-hazardous waste manifests.

#### 4.0 FINDINGS

#### 4.1 Excavation I

The maximum concentration of PCE detected at the lateral (north, east and west) and vertical limits of the excavation was 170 parts per billion ([ppb]; Sample EX1-10). No concentrations of TRPH or TCE were detected in any of the samples collected from Excavation I. Due to the presence of active utility lines, no samples were collected from the southern sidewall of the excavation (Figure 4). This excavation was completed as proposed and generated approximately 300 tons of soil.

#### 4.2 Excavation II

The maximum concentrations of PCE and TCE were detected in Sample EX2-26 collected approximately 15 fbg (308,000 and 28,100 ppb, respectively). The maximum concentration of TRPH was detected in Sample EX2-11 collected approximately 15 fbg (25,000 parts per million [ppm]). The maximum concentrations of PCE and TCE detected in a sidewall sample representing the lateral limits of the excavation were detected in Sample EX2-26(A) at approximately 6 fbg (680 and 35 ppb, respectively). The maximum concentration of TRPH in a sidewall sample was detected in Sample EX2-25 at approximately 6.5 fbg (1,100 ppm). However, the maximum concentration of TRPH concentration in two samples collected within 10 feet to the east and west of EX2-25 at a similar depth was 20 ppm. Sample EX2-25 was the only sidewall sample with detectable TRPH concentrations greater than 100 ppm (Figure 5). No soil samples were collected from the southern sidewall due to the presence of active subsurface utility lines.

Excavation II was extended to the north approximately 15 feet beyond the proposed excavation boundary in the vicinity of Soil Boring GP-35 (Figure 5). Additional excavation was required to remove accessible, near-surface impacted soil identified through field screening with a mobile laboratory. The proposed and additional excavation generated approximately 975 tons of soil.

#### 4.3 Excavation III

The maximum concentration of TRPH in an excavation sidewall was detected in Sample EX3-29, approximately 6 fbg (3,600 ppm). The maximum concentration of TRPH from the base of the excavation was detected in EX3-34, approximately 14 fbg (4,400 ppm). With the exception of the southern portion of the excavation, concentrations of TRPH greater than 85 ppm were not detected in sidewall samples (Figure 6). The southern boundary of the excavation was extended approximately 7 feet to the south to remove additional accessible

TRPH-affected soil. The lateral boundary of Excavation III was not extended further to the south due to the uncovering of a 3-inch diameter steel conduit of unknown origin approximately 3 fbg, running east to west. The proposed and additional excavation generated approximately 1,350 tons of soil.

#### 4.4 Discussion of Remedial Progress from Excavation Activities

Accessible concentrations of TRPH greater than 1,000 ppm were removed from all portions of Excavations I, II and III, with the exception of a limited area along the southern sidewall of Excavation III (EX3-29). Concentrations of TRPH in excess of 1,000 ppm, detected along the southern sidewall of Excavation III, are within 6 feet of Boring GP-36 with a TRPH concentration of 19 ppm detected approximately 5 fbg. Additionally, soil sample results from Borings GP-42 and HS-2 indicate that the lateral extent of TRPH concentrations greater than 1,000 ppm is limited in the vicinity of the southern extent of Excavation III. Refer to Figures 7 and 8 for TRPH isoconcentration maps generated from data collected in June and July 1997 with overlays of remedial excavation boundaries.

The maximum concentrations of PCE and TCE detected during excavation activities were in sample EX2-26 collected from Excavation II, approximately 15 fbg. The maximum concentration of PCE detected in five additional samples from Excavation II collected at depths ranging from 11.5 to 15 fbg was 290 ppb, indicating the lateral distribution of elevated concentrations of chlorinated solvents is limited at these depths. The maximum concentration of PCE detected in sidewall samples collected up to 6.5 fbg was 680 ppb, indicating that the concentrations observed in EX2-26 are not characteristic of the near-surface (<10 fbg) soil condition. Additionally, during site assessment activities in June and July 1997, analysis of soil samples from borings GP-35 and HS-2, each located laterally less than 16 feet from sample EX2-26, showed the maximum concentration of PCE in samples at 15 fbg and lower to be no greater than 990 ppb. Refer to Appendix D for a summary of analytical data collected during the June and July 1997 site assessment activities.

Concentrations of PCE and TCE detected in EX2-26 were greater than from any of the 22 Geoprobe-type borings or 9 hollow stem auger borings completed in the same general vicinity during site assessment activities in 1997. Based on laboratory results of soil samples collected during remedial activity and previous site assessment activities, it appears that the PCE and TCE concentrations as detected in EX2-26 are not laterally or vertically continuous nor representative of residual bulk soil solvent concentrations present in the vicinity of their collection.

#### 5.0 CONCLUSIONS AND REQUEST FOR SOIL CLOSURE

Remedial activity resulted in a reduction of accessible, near-surface TRPH- and chlorinated solvent-affected soil. Proposed excavation limits were extended vertically and laterally based on field observations. In cases where the lateral extension of excavation boundaries was not feasible due to spatial constraints or other limiting factors (e.g. subsurface lines), historic data from soil boring activities provided lateral and vertical delineation in those directions and justification to suspend further excavation.

The removal of approximately 2,600 tons of TRPH- and chlorinated solvent-affected soil reduced potential exposure pathways likely to be encountered during and after site development activity. Additionally, fate and transport modeling presented in the Alton Geoscience Site Assessment Report/Remedial Action Plan previously demonstrated that residual chlorinated solvent and crude oil concentrations presented an insignificant threat to groundwater. Remedial activity reduced the volume of potential leachable chlorinated solvent- and crude oil-affected soil, further reducing the threat to near surface groundwater. Additionally, anticipated site development activities are not expected to contribute to TRPH and/or chlorinated solvent concentrations in soil.

Monitoring and sampling of the three onsite groundwater wells will be performed semi-annually. Additionally, Mobil will continue to be a participating member of the North Central Basin Regional Groundwater Group, under the direction of Mr. Keith Elliot of the LARWQCB, and assist in efforts to further characterize regional chlorinated solvent impact on near-surface groundwater in the Santa Fe Springs vicinity.

In combination with the qualitative risk assessment presented in the RAP, remedial activity has been successful in removing residual near-surface crude oil and chlorinated solvent concentrations and eliminating potential exposure pathways associated with current and anticipated future site use. Alton Geoscience respectfully submits this site for soil closure.

# Remedial Excavation/Site Closure Report

Mobil Jalk Fee Property October 14, 1998

#### 6.0 REFERENCES

Alton Geoscience, 1997, Site Assessment Report/Remedial Action Plan, October 10.

Levine-Fricke, 1991a, Draft Subsurface Soil Investigation, December 6.

Levine-Fricke, 1991b, Draft Remedial Action Plan, December 18.

McLaren Hart, 1994b, Limited Subsurface Investigation of Tetrachloroethylene (PCE) Impacted Soil, November 15.

The excavation activities summarized in this report have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, expressed or implied, is made regarding the conclusions and recommendations presented in this report. The conclusions and recommendations are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.

Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES

June 9 through June 22, 1998

Mobil Jalk Fee Properties

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				Butyl	Butyl	propyl	propyl	Naphth	Propyl	Trimethyl	Trimethyl	0-	m,p-	Dichloro	Dichloro		Ethyl		Methylene	Vinyl		
Boring	Sample	Depth	TRPH	benzene	benzene	benzene	toluene	alene	benzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	TCE
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EX1-6	6/10/98	5.5	ND					-							ND				ND	ND	240	ND
EX1-7	6/10/98	11.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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EX2-7	6/9/98	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EX2-8	6/9/98	6.0	ND												ND				ND	ND	ND	ND
EX2-9	6/9/98	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EX2-10	6/9/98	15.0	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
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RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 9 through June 22, 1998
Mobil Jalk Fee Properties

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EX2-26	6/11/98	6.0	21	:	1	:	1	1	1	1	}	:	1	ï	Ŋ	;	1	ŧ	Q	Ω	089	35
EX2-26	6/22/98	15.0	:	2300	£	1100	Q.	Q	1600	200	N Q	Ę	500	14700	Q.	Q.	£	300	S	<del>S</del>	308000	28100
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Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES

June 9 through June 22, 1998

Mobil Jalk Fee Properties

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	•			Butyl	Butyl	propyl	propyl	Naphth	Propyi	Trimethyl	Trimethyl	0-	ш,р-	Dichloro	Dichloro		Ethyl		Methylene	Vinyl		
Boring	Sample	Depth	TRPH	benzene	benzene	benze <u>n</u> e	toluene	alene	benzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	TCE
Number	Date	(fbg)	(bbm)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
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EX3-12	6/9/98	7.5	130											<b></b> ,	70						·	••
EX3-13	6/9/98	7.0	8000																			**
EX3-14	6/10/98	10.0	ND											~*					~-	'		
EX3-15	6/10/98	10.0	ND					**				**										
EX3-16	6/10/98	10.0	ND								ζ	**								*-	,	4=
EX3-17	6/10/98	10.0	ND				+-								~-							<b></b> ,
EX3-18	6/10/98	10.0	ND										**		44	**					*-	
EX3-19	6/10/98	11.0	ND														••					••
EX3-20	6/10/98	12.0	200				me.												*-		•-	
EX3-21	6/10/98	12.0	16														**					ne.
EX3-22	6/10/98	7.0	ND						**			••		**	••				**	**	70	
EX3-23	6/10/98	7.0	ND												*-					••		
EX3-24	6/10/98	6.5	5600							7-												
EX3-25	6/10/98	11.5	21					***														
EX3-26	6/10/98	11.5	650					••					••		**							
EX3-27	6/10/98	12.5	ND					**		~-												
EX3-28	6/10/98	6.5	950												~-							
EX3-29	6/11/98	6.0	3600						•		••				<b>u</b> _							
EX3-30	6/11/98	6.0	2200			~~		40		^-					~-							
EX3-31	6/11/98	6.0	2300												~-							
EX3-32	6/11/98	10.0	2400					••							<b>'**</b>							
EX3-33	6/11/98	7.0	190																,			
EX3-34	6/11/98	14.0	4400				**															<b>~</b> -
EX3-35	6/11/98	14.0	19												*-			**	**	-4		••

Table 1

### RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES

# June 9 through June 22, 1998

### Mobil Jalk Fee Properties

					sec- Butyl	tert- Butyl	Iso propyl	b-Iw p-Iw	Naphth	n- Propyl	1,2,4. Trimethyl	1,3,5- Trimethyl	0-	m,p-	cis-1,2- Dichloro	truns-1,2- Dichtoro		Ethyl		Methylene	Vinyl		
Boring	Sample		Depth	TRPH	benzene	benzene	benzene	toluene	ыеве	benzene	benzene	benzene	Xylenes	Xylenes	ethепе	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	TCE
Number	Date	···	(fbg)	(ppm)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ենք)	(фрь)	(ppb)	(ppb)	(ppb)	(թթե)	(ppb)	(թթե)	(ինթ)	(ըրթ)	(ppb)	(ppb)	(ppb)
Notes:	тррн	_	total p	etroleum l	ıydrocarbor	ns with gasc	line distinct	ion															
	PCE	-	tetrac	hloroethene	•																		
	TCE	=	trichic	oroethene																			
	fbg	=	feet b	elow grade																			
	ppm	=	parts	per million																			
	ppb	ez.	parts	per billion														-					
	ND	=	not de	etected; see	official lat	oratory rep	orts for det	ection limit	S												•		
		==	not an	alyzed, me	easured, or	collected																	

Table 2A

# RESULTS OF LABORATORY ANALYSIS OF STOCKPILE SAMPLES

#### June 11 and 17, 1998

#### Mobil Jalk Fee Properties

			cis-1,2-	(raus-1,2-									
Composite			Dichloro	Dichloro			Ethyi	Total		Methylene	Vinyi		
Sample	Sample	TRPH	ethene	ethene	Benzene	Toluene	benzene	Xylenes	MTBE	Chloride	Chloride	PCE	TCE
Number	Date	(ББт)	(dgd)	(ppb)	(թբե)	(ppb)	(ppb)	(ppb)	(ppb)	(dąg)	(ppb)	(ppb)	(ppb)
CSP3-1	6/17/98	2800	ND	ND	ND	5.9	54	145	ND	13.2	ND	ND	ND
CSP3-2	6/17/98	387	ND	ND	ND	ND	ND	ND	ND	11.1	ND	ND	ND
CSP3-3	6/17/98	2270	ND	ND	ND	ND	ND	ND	ND	10.8	ND	ND	ND
CSP3-4	6/17 <i>1</i> 98	288	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND
CSP3-5	6/17/98	925	ND	ND	ND	ND	ND	ND	ND	11.8	ND	ND	ND
CSP1-6	6/17/98	31	ND	ND	ND	5.3	ND	ND	ND	12	ND	7.5	ND
CSP1-7	6/17/98	53	ND	ND	ND	5.9	ИĎ	ND	ND	11.6	ND	40.4	ND
CSP2-8	6/17/98	242	ND	ND	ND	ND	ND	32.4	ND	12,3	ND	368	ND
CSP2-9	6/17/98	3410	ND	ND	ND	ND	ND	ND	ND	12.3	ND	129	ND
CSP2-10	6/17/98	902	ND	ND	ND	ND	ND	ND	ND	12.4	ND	65.4	ND
SP3-A	6/11/98		ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND
SP3-B	6/11/98		ND	ND	ND	ND	ND	ND		ND	ND	ND	ND
SP3-C	6/11/98		ND	ND	ND	ND	ND	ND		ND	ND	ND	ND
SP3-1	6/11/98	298			_							_	-
SP3-2	6/11/98	372		_	-							_	-
SP3-3	6/11/98	140			_							-	-
SP3-4	6/11/98	352							_		_		
SP3-5	6/11/98	333			_					_			
SP3-6	6/11/98	343				_				·			
SP3-7	6/11/98	382							_		_		_
SP3-8	6/11/98	515		_		_						~-	
SP3-9	6/11/98	280			_	_	_		_		***	-	
SP3-10	6/11/98	242		-		_			-				
SP3-11	6/11/98	242											
SP3-12	6/11/98	315											
	_												
	<del></del>						·			<del></del>	··-	<del></del>	
Notes:	TRPH	= total	petroleum h	ydrocarbons w	ith gasoline	distinction							
	PCE	= tetra	chloroethene		-		,						,
	TCE	trial	Jorgothana										

Notes: TRPH = total petroleum hydrocarbons with gasoline distinction

PCE = tetrachloroethene

TCE = trichloroethene

fbg = feet below grade

ppm = parts per million

ppb = parts per billion

ND = not detected; see official laboratory reports for detection limits

-- = not analyzed, measured, or collected

Table 2B

RESULTS OF LABORATORY ANALYSIS OF SOIL STOCKPILE SAMPLES

June 17, 1998

Mobil Jalk	Fee	Properties
------------	-----	------------

Sample Number	Sample Date	Acena phthene (ppb)	Benzo (a) anthracene (pph)	Benzo (a) pyrene (ppb)	Benzo (b) fluoranthene (ppb)	Benzo (g,h,i,) perylene (pph)	Benzo (k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo (a,h) anthracene (pph)	Fluor anthene (ppb)	Ideno (1,2,3-cd) pyrene (pph)	Naph thalene (pph)	Phen authrene (ppb)	Pyrene (ppb)
CSP3-1	6/17/98	ND	88	ND	ND	297	ND	ND	69	150	139	ND	80	ND
CSP3-2	6/17/98	ND	ND	ND	ND	197	ND	ND	112	88	59	ND	ND	ND
CSP3-3	6/17/98	ND	63	ND	ND	341	ND	71	151	371	126	ND	183	ND
CSP3-4	6/17/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CSP3-5	6/17/98	ND	65	ND	ND	370	ND	65	138	367	157	ND	144	ND
CSP1-6	6/17/98	ND	ND	ND	ND	167	ND	ND	66	ND	57	ND	ND	ND
CSP1-7	6/17/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CSP2-8	6/17/98	ND	85	ND	ND	368	ND	140	114	114	129	ND	ND	ND
CSP2-9	6/17/98	ND	ND	ND	ND	219	ND	ND	58	77	72	ND	ND	· ND
CSP2-10	6/17/98	ND	ND	ND	ND	163	ND	ND	54	ND	ND	ND	ИĎ	ND

Notes: TRPH = total petroleum hydrocarbons with gasoline distinction

fbg = feet below grade

ppb = parts per billion

ND = not detected; see official laboratory report for detection limits

 $\label{eq:Table 2C} \textbf{RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES} \\ \textbf{CAM Metals}$ 

June 11 and 17, 1998 Mobil Jalk Fee Properties

						Sa	mple Numl	)er						TTLC	STLC
ANALYTE	CSP3-1	CSP3-2	CSP3-3	CSP3-4	CSP3-5	CSP1-6	CSP1-7	CSP2-8	CSP2-9	CSP2-10	SP3-A	SP3-B	SP3+C	Max, Limit	Max. Limit
	(ppm)	(ppm)	(ррт)	(ррш)	(ppm)	(mqq)	(ppm)	(ppni)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppni)
Antimony	ND	ND	ND	ND	1.49	1.32	1.33	500	15						
Arsenic	0.82	1.66	0.77	ND	ND	2.35	ND	3.12	ND	5.25	ND	ND	ND	500	5
Barium	117	103	120	106	113	130	112	103	92.9	304	83.2	82	79.4	10000	100
Beryllium	0.44	0.46	0.44	0.4	0.43	0.48	0.4	0.46	0.37	0.36	0.35	0.34	0.33	75	1
Cadmium	2.12	2.17	2.17	1.99	2.15	2.35	1.94	2.23	1.84	2.19	1.54	1.62	1.6	100	1
Chromium, total	21.4	21.3	22.7	19.2	21.2	24.7	19.9	20.8	17.7	25.8	14.9	15.3	14.8	2500	5
Cobalt	9.56	9.58	10.1	9.13	10.3	10.5	8,86	9.53	7.92	7.88	6.78	7.26	6.88	8000	80
Copper	23.5	22.2	29.1	24	19	25.9	19.7	24	18.1	32.9	16.7	17.8	16.2	2500	25
Lead	7.35	5.36	9.5	10.8	6.03	6.07	9.11	9.52	7.71	41.3	11	16.2	12.4	1000	5
Mercury	ND	0.55	ND	ND	ND	ND	ND	20	0						
Molybdenum	ND	ND	ND	0.4	ND	ND	ND	3500	350						
Nickel	16.3	16.1	16.6	14.3	15.7	17.6	14.2	15.3	13.1	17.6	11	11.3	10.9	2000	20
Selenium	ND	ND	ND	ND -	ND	ND	ND	100	1						
Silver	ND	ND	ND	ND	ND	ND	ND	500	5						
Thallium	ND	ND	ND	ND	ND	ND	ND	700	7						
Vanadium	36.9	38.4	38.4	35.4	38.7	40.7	34	35.9	31.4	32.2	26.8	27.3	26.6	2400	24
Zinc	49	46	52.8	55.8	50.3	50	53.9	64.7	46.4	104	45.6	52,9	54	5000	250

Notes:

STLC = Soluble Threshold Limit Concentration

TTLC = Total Threshold Limit Concentration

ppm = parts per million

ND = not detected above laboratory detection limits, refer to official laboratory reports



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SCALE 1: 24,000

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SOURCE:

United States Geological Survey 7.5 Minute Topographic Map: Whittier Quadrangle



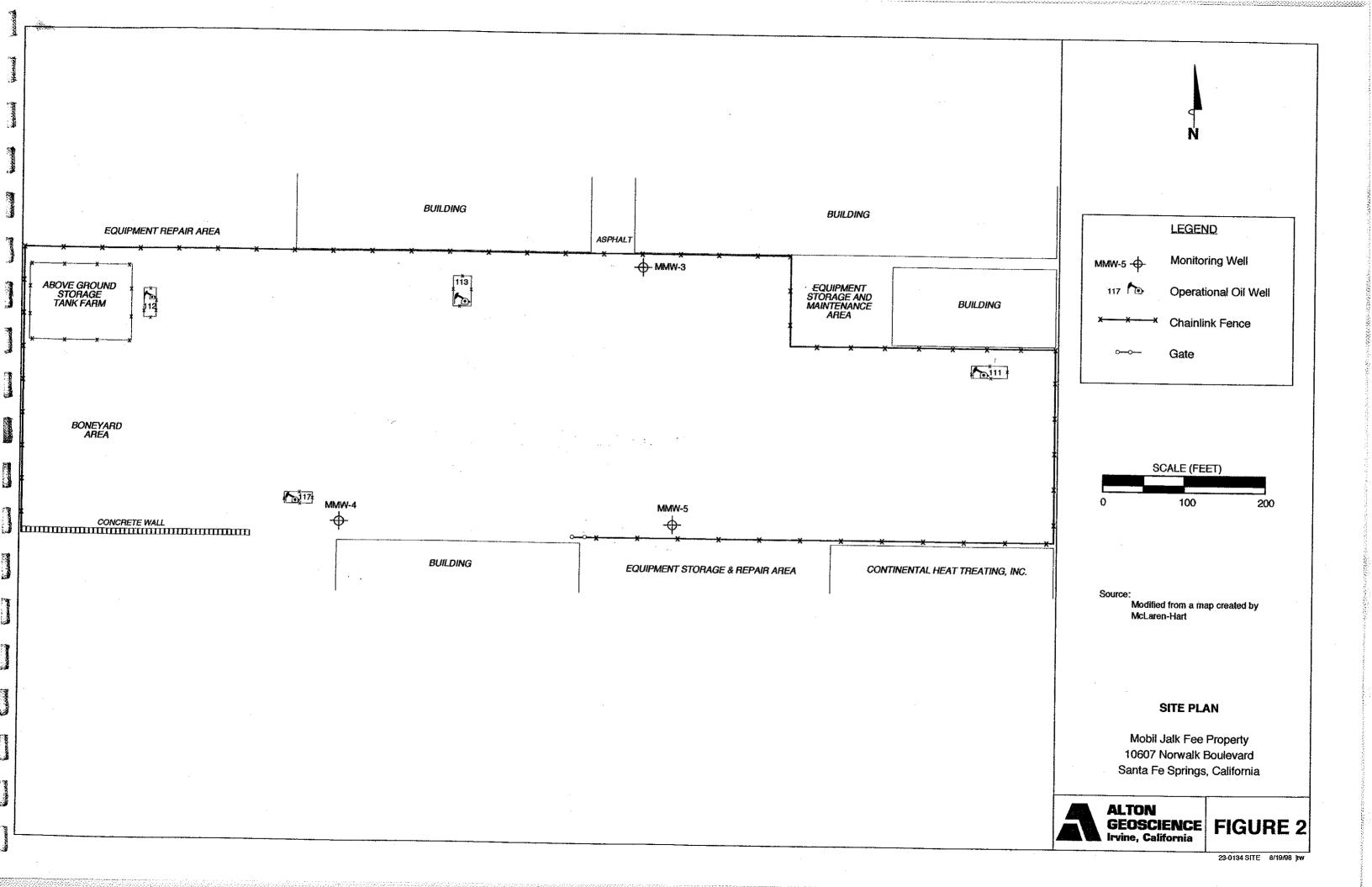
ALTON GEOSCIENCE Irvine, California

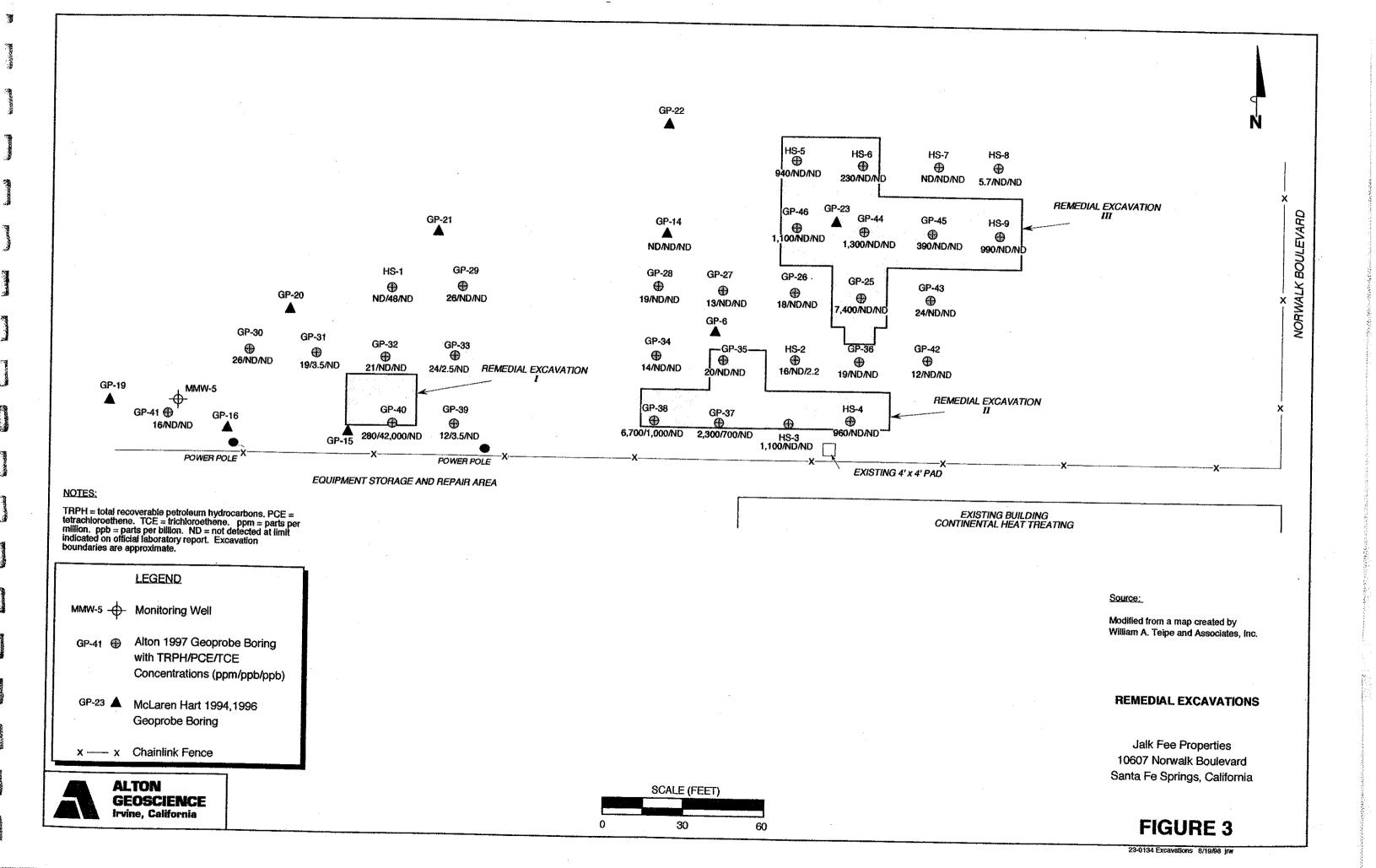


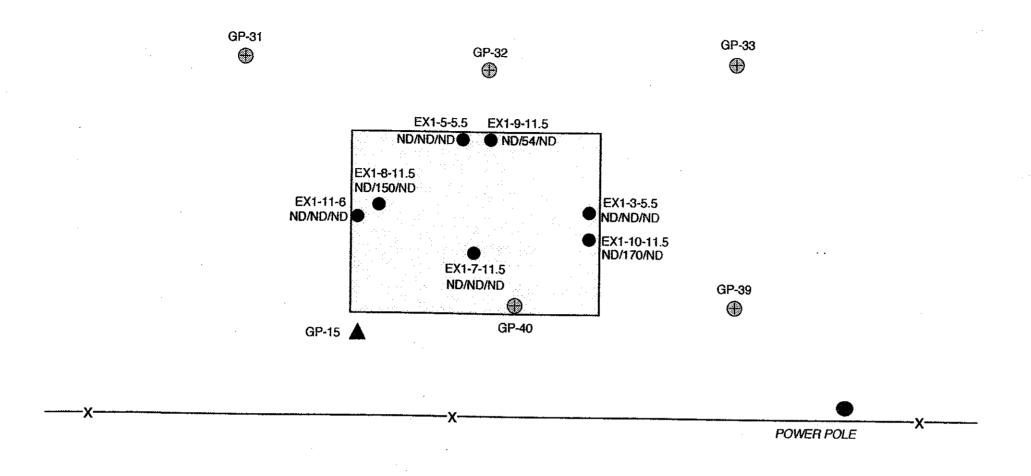
**VICINITY MAP** 

Mobil Jalk Fee Property 10607 Norwalk Boulevard Santa Fe Springs, California

FIGURE 1

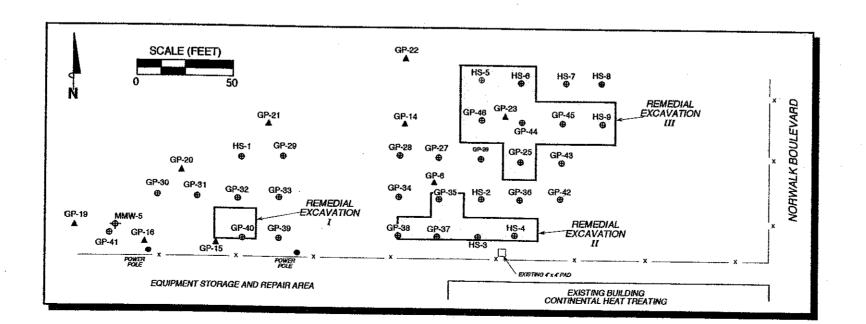






ALTON

GEOSCIENCE Irvine, California





#### **LEGEND**

Soil Sample with

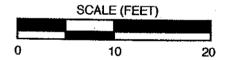
ND/200/ND

TRPH/PCE/TCE

Concentrations
(ppm/ppb/ppb)

McLaren Hart 1994,1996 Geoprobe Boring

x --- x Chainlink Fence



#### NOTES:

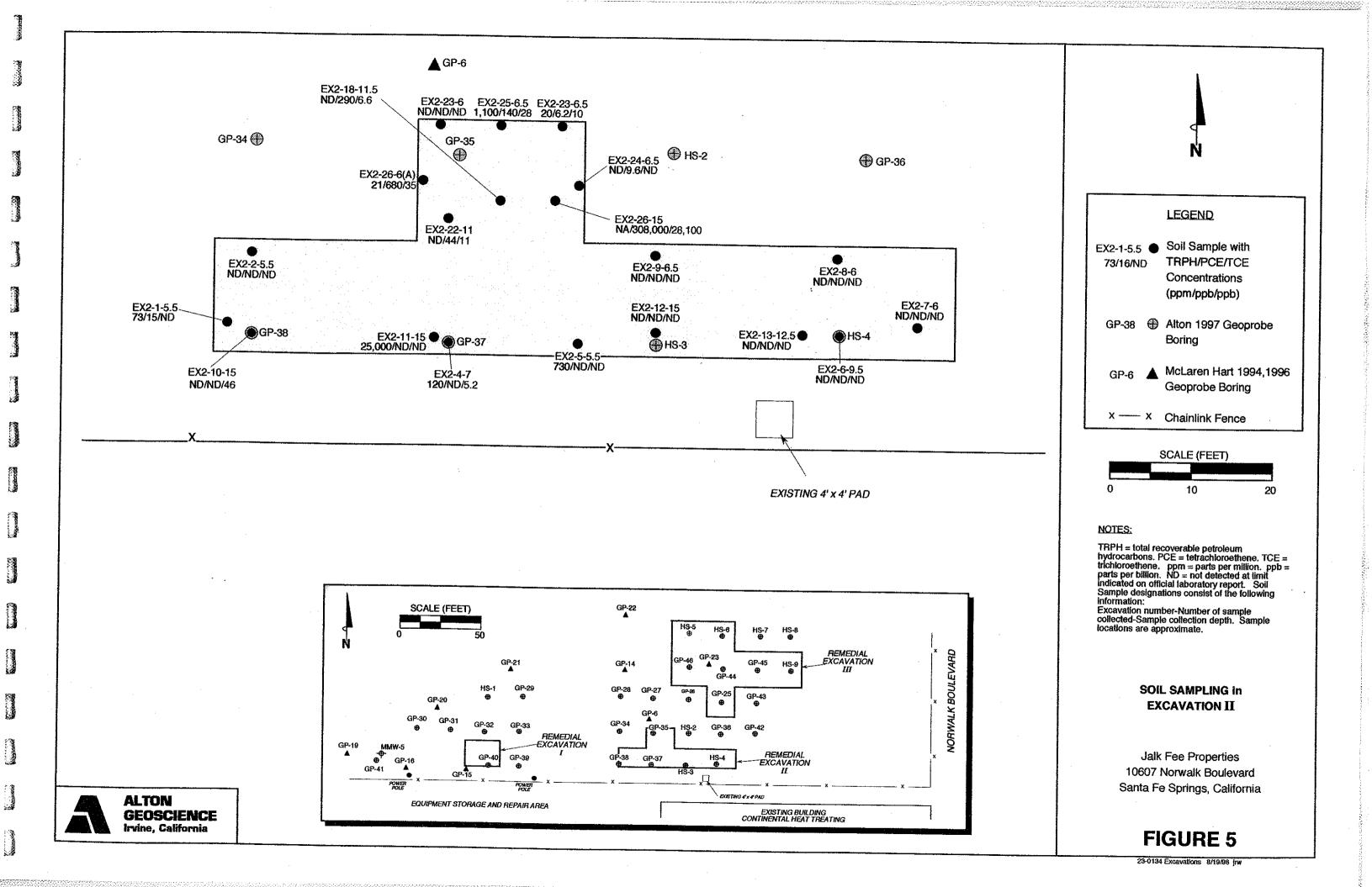
TRPH = total recoverable petroleum hydrocarbons. PCE = tetrachloroethene. TCE = trichloroethene. ppm = parts per million. ppb = parts per billion. ND = not detected at limit indicated on official laboratory report. Soil Sample designations consist of the following information:

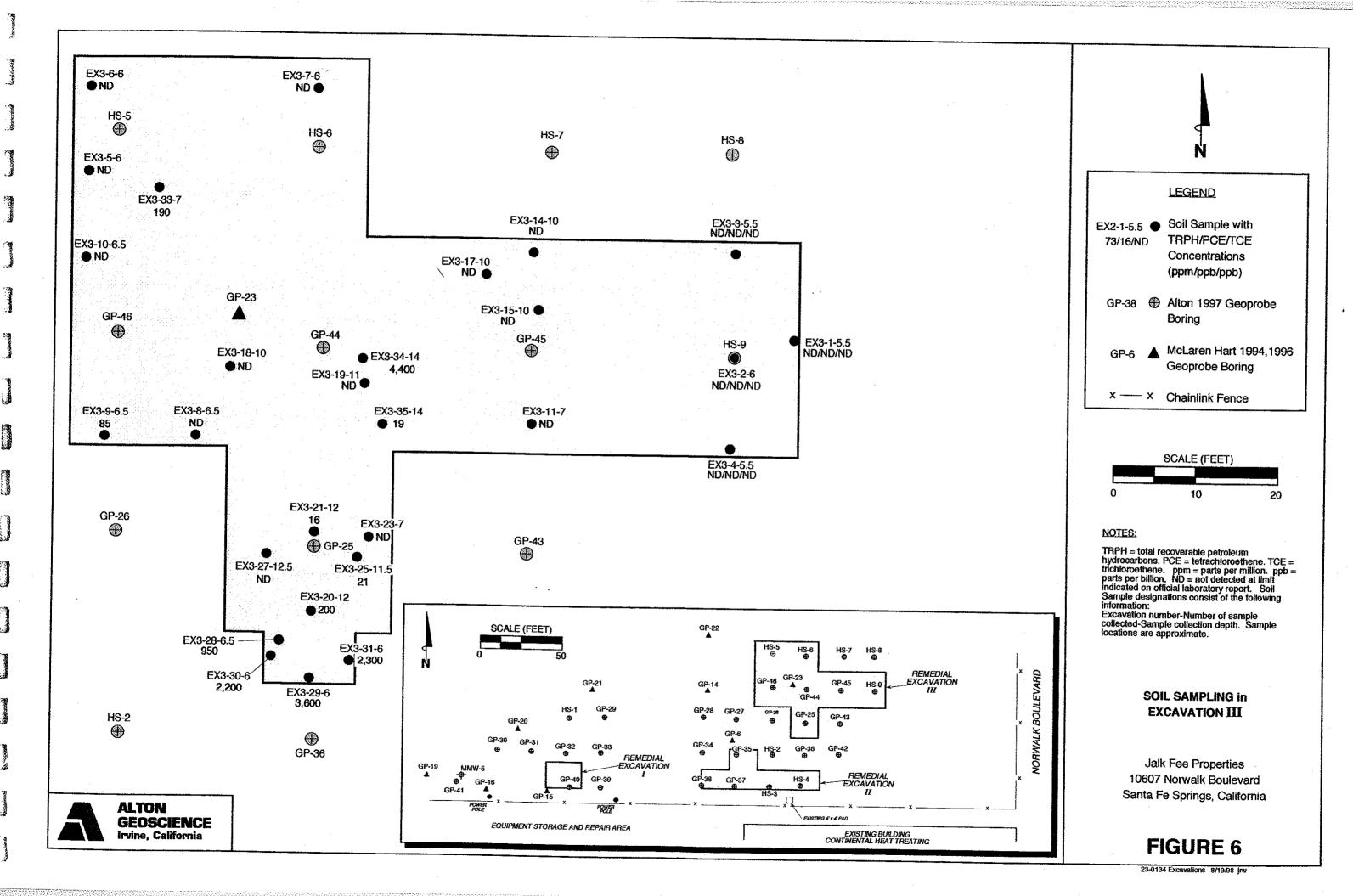
Excavation number-Number of sample collected-Sample collection depth. Sample locations are approximate.

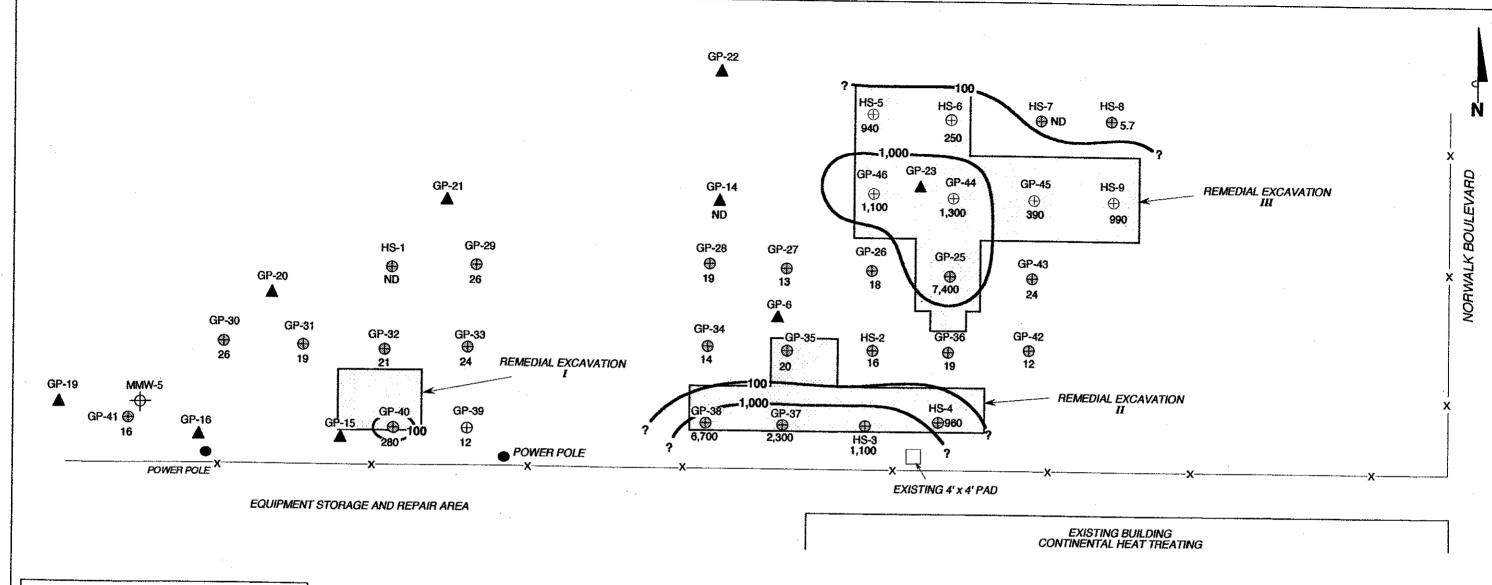
# SOIL SAMPLING IN EXCAVATION I

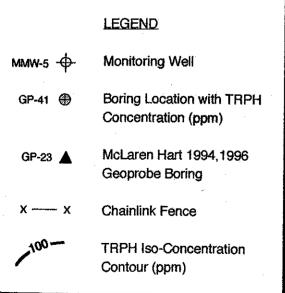
Jalk Fee Properties 10607 Norwalk Boulevard Santa Fe Springs, California

FIGURE 4









ALTON GEOSCIENCE

Irvine, California

#### NOTES:

Contour lines are interpretive based on results of soil samples collected June and July 1997. TRPH = total recoverable petroleum hydrocarbons. ppm = parts per million. ND = not detected at limit indicated on official laboratory report. FBG = feet below grade.

ISOCONCENTRATION MAP
FOR TRPH in SOIL at 5 FBG with
OVERLAY of REMEDIAL
EXCAVATIONS

Jalk Fee Properties 10607 Norwalk Boulevard Santa Fe Springs, California

SCALE (FEET)

30 60

FIGURE 7

#### APPENDIX A

# OFFICIAL LABORATORY REPORTS AND GENERAL FIELD PROCEDURES

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#### APPENDIX A

#### GENERAL FIELD PROCEDURES

A description of the general field procedures used during site investigation and monitoring activities is presented below. For an overview of protocol, refer to the appropriate section(s).

#### SOIL SAMPLE HANDLING

Soil sample handling follows the same basic protocol for both drilling and excavation activities. Upon retrieval, soil samples are immediately removed from the sampler, sealed with Teflon sheeting and polyurethane caps, and wrapped with tape. Each sample is labeled with the project number, boring/well number, sample depth, geologist's initials, and date of collection. After the samples have been labeled and documented in the chain of custody record, they are placed in a cooler with ice at approximately 4 degrees Celsius (°C) prior to and during transport to a state-certified laboratory for analysis. Samples not selected for immediate analysis may be transported in a cooler with ice and archived in a frostless refrigerator at approximately 4°C for possible future testing.

#### CHAIN OF CUSTODY PROTOCOL

Chain of custody protocol is followed for all soil and ground water samples selected for laboratory analysis. The chain of custody form(s) accompanies the samples from the sampling locality to the laboratory, providing a continuous record of possession prior to analysis.

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June 24, 1998

Michael Pitta Alton Geoscience 25-A Technology Drive, Suite 200 Irvine, CA 92718

Subject:

**Calscience Work Order Number:** 

Client Reference:

98-06-0540

Mobil Jalk Fee

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 06/18/98 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested, and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

Calscience Environmental

Laboratories, Inc.

Mike Crisostomo

Project Manager

William H. Christensen Deliverables Manager



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Matrix:

Date Collected:

06/11/98

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX1-11-6

Lab Sample Number:

98-06-0540-1

<u>Parameter</u>	Result	<u>RL</u>	Qualifiers	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5	•	ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Solid

Date Collected:

06/11/98

Matrix:

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

EPA 8260A

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX1-11-6

Lab Sample Number:

98-06-0540-1

<u>Parameter</u>	Result	<u>RL</u>	Qualifiers	<u>Units</u>
2,2-Dichloropropane	. ND	5		ug/kg
1,1-Dichloropropene	NÐ	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	- 5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		· ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg
Surrogates:	<b>REC (%)</b>	<b>Control Limits</b>	<b>Qualifiers</b>	

Dibromofluoromethane

100

80-120



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/11/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX1-11-6

Lab Sample Number:

98-06-0540-1

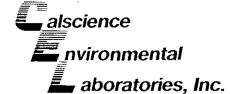
Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8 1,4-Bromofluorobenzene 100 100 81-117 74-121



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

**Nork Order Number:** 

98-06-0540

QC Batch ID:

980619AS

Matrix:

Solid

Date Collected: Date Received: 06/10/98

N/A

Date Prepared:

06/18/98 N/A

Preparation: Method:

**EPA 8260A** 

Date Analyzed:

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

06/19/98

Client Sample Number:

EX1-7-11.5

Lab Sample Number:

98-06-0540-2

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
Acetone	ND	50		ug/kg
∏Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
[ Bromodichloromethane	ND	5		ug/kg
//Bromoform	ND	. 5		ug/kg
Bromomethane	ND	5		ug/kg
↑ 2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
r tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5	•	ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	. 5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	. 5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane 1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

06/10/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

Date Collected:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX1-7-11.5

Lab Sample Number:

98-06-0540-2

<u>Parameter</u>	Result	<u>RL</u>	Qualifiers	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg

Surrogates:

REC (%)

**Control Limits** 

**Qualifiers** 

Dibromofluoromethane

99

80-120

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Matrix:

Date Collected:

06/10/98

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number:

EX1-7-11.5

Lab Sample Number:

98-06-0540-2

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

100

81-117

1,4-Bromofluorobenzene

98

74-121



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/10/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

Date Prepared:

N/A

Method:

N/A

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX1-5-5.5

**EPA 8260A** 

Lab Sample Number:

98-06-0540-3

<u>Parameter</u>	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	МD	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg

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TEL: (714) 895-5494 •

FAX: (714) 894-7501



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/10/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX1-5-5.5

Lab Sample Number:

98-06-0540-3

<u>Parameter</u>	Result	RL	Qualifiers	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
[ 1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
[ Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-lsopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		· ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
* 1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene Vinyl Acetate	ND	50		ug/kg
viriyi Chioride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
p/m-xylene o-Xylene Mothyl tod Butul Ethor	ND	5		ug/kg
wetnyi-tert-Butyi Ether	ND	5		ug/kg
Currogatos	DEC (0/)	Combinal Limita	O1:6	

Surrogates:

Dibromofluoromethane

**REC (%)** 

**Control Limits** 

Qualifiers

100 80-120



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/10/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Qualifiers

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX1-5-5.5

Lab Sample Number:

98-06-0540-3

Surrogates:	<u>REC (%)</u>	Control Limits
Toluene-d8	95	81-117
1.4-Bromofluorobenzene	99	74-121



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

30-00-03-10

QC Date

980619AS

Date Collected: 06/09/98

\_Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number:

EX1-3-5.5

Lab Sample Number:

98-06-0540-4

Parameter	Result	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
Li Acetone	ND	50		ug/kg
rov Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
r Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
∠ 2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
r., tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5	•	ug/kg
Chlorothane	ND	5		ug/kg
La Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
<sub>r</sub> Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
<sub>r</sub> Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5	*	ug/kg
Dichlorodifluoromethane	ND	. 5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected: Date Received: 06/09/98

Matrix:

Solid

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** Lab Sample Number:

EX1-3-5.5

98-06-0540-4

Parameter	<u>Result</u>	<u>RL</u>	Qualifiers	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	. 5		ug/kg
o-Xylene	ND	. 5		ug/kg
Methyl-tert-Butyl Ether.	ND	5		ug/kg
_				

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Dibromofluoromethane

100



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number:
Lab Sample Number:

EX1-3-5.5

98-06-0540-4

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

100

81-117

1,4-Bromofluorobenzene

97



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

**EPA 8260A** 

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

Date Prepared:

Method:

N/A

Date Analyzed:

N/A 06/19/98

**Client Sample Number:** 

EX2-2-5.5

Lab Sample Number:

98-06-0540-5

Parameter	Result	RL	Qualifiers	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	. 5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	- 5		ug/kg
c-1,2-Dichloroethene	ИD	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg

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FAX: (714) 894-7501<sub>1</sub>



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-2-5.5

Lab Sample Number:

98-06-0540-5

<u>Parameter</u>	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
(1,1,1-Trichloroethane	ND	5		ug/kg
1,1,1-Trichloroethane 1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg
<b>₽</b> 10		•		

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Dibromofluoromethane

101



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Matrix:

Solid

Date Collected: Date Received:

06/09/98

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-2-5.5

Lab Sample Number:

98-06-0540-5

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

99

81-117

1,4-Bromofluorobenzene

99

# alscience nvironmental aboratories, Inc.

# **ANALYTICAL REPORT**

EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Solid

Date Collected: Date Received: 06/09/98

Matrix:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number: Lab Sample Number:

EX2-1-5.5

98-06-0540-6

<u>Parameter</u>	<u>Result</u>	RL	<b>Qualifiers</b>	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
Titert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
[1] Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
↑ Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
∫ Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	- 5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	. 5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg
£ N 1	•			



**EPA 8260A Volatile Organics** 

Client Name: 1

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-1-5.5

Lab Sample Number:

98-06-0540-6

<u>Parameter</u>	<u>Result</u>	RL	<b>Qualifiers</b>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	. 5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	9	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	15	5	-1-	ug/kg
Toluene	8	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	, ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5	•	ug/kg
p/m-Xylene	10	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Dibromofluoromethane

103

80-120



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

Matrix: Preparation: 980619AS

Solid

N/A

Date Collected:

Date Received:

06/18/98

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

06/09/98

Client Sample Number:

EX2-1-5.5

Lab Sample Number:

98-06-0540-6

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

Surrogates:

97

81-117

1,4-Bromofluorobenzene

96



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

EPA 8260A

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-7-6

Lab Sample Number:

98-06-0540-7

<u>Parameter</u>	Result	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number:

EX2-7-6

Lab Sample Number:

98-06-0540-7

<u>Parameter</u>	Result	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
r 1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
( : p-lsopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
(% 1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	- 5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg
Surrogates:	REC (%)	Control Limits	Qualifiare	

Surrogates:

<u>REC (%)</u>

**Control Limits** 

Qualifiers

Dibromofluoromethane

100



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

90001

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number:

EX2-7-6

Lab Sample Number:

98-06-0540-7

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers.

Toluene-d8

97

81-117

1,4-Bromofluorobenzene

96



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Solid

Date Collected:

06/09/98

Matrix:

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

06/19/98

**Client Sample Number:** 

EX2-8-6

Lab Sample Number:

98-06-0540-8

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
Acetone	ND	50		ug/kg
r Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
□ Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
€ 2-Butanone	ND	50	•	ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
⊖ Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5	•	ug/kg
Chloroform	ND ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5	•	ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	· ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	- 5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	. 5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg
5 1 1		e.		



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected: Date Received: 06/09/98

Matrix:

Solid

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-8-6

Lab Sample Number:

98-06-0540-8

Parameter	Result	RL	<u>Qualifiers</u>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	. ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	· 5		ug/kg
1,1,2,2-Tetrachloroethane	ND	. 5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10	•	ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	. 5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	• 5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg

Surrogates:

REC\_(%)

**Control Limits** 

Qualifiers

Dibromofluoromethane

101



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Solid

Date Collected:

06/09/98

Matrix:

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number:

EX2-8-6

Lab Sample Number:

98-06-0540-8

Surrogates:

**REC (%)** 

Control Limits

Qualifiers

Toluene-d8

100

81-117

1,4-Bromofluorobenzene

98



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected: Date Received: 06/09/98

Matrix:

Solid

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-9-6.5

Lab Sample Number:

98-06-0540-9

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	Qualifiers	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND .	5	, are	ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND.	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	. 5		ug/kg
1,3-Dichlorobenzene	ND	- 5		ug/kg
1,4-Dichlorobenzene	ND	5	*	ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

EPA 8260A

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-9-6.5

Lab Sample Number:

98-06-0540-9

Parameter	Result	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
∹ Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	. 5		ug/kg
Trichloroethene	ND	5	•	ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg
C	DEC (04)	Combooliine	0 ""	

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Dibromofluoromethane

101



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Matrix:

Solid

Date Collected:

06/09/98

Date Received: Date Prepared:

06/18/98

Preparation: Method:

N/A

N/A

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-9-6.5

Lab Sample Number:

98-06-0540-9

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

100

81-117

1.4-Bromofluorobenzene

97



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/11/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

Client Sample Number:

EX2-23-6

Lab Sample Number:

98-06-0540-10

<u>Parameter</u>	<u>Result</u>	RL	<b>Qualifiers</b>	<u>Units</u>
Acetone	ND	50		ug/kg
⊕ Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
E: Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
r tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
€ Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
El Chloromethane	ND .	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	, ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
<sub>f :=</sub> t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg
1. 1				



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

06/11/98

Matrix:

Solid

Date Received:

06/18/98

Date Prepared:

N/A

Preparation: Method:

N/A

Date Analyzed:

06/19/98

**Client Sample Number:** 

EX2-23-6

EPA 8260A

Lab Sample Number:

98-06-0540-10

2,2-Dichloropropane         ND         5         ug/kg           1,1-Dichloropropene         ND         5         ug/kg           c-1,3-Dichloropropene         ND         5         ug/kg           t-1,3-Dichloropropene         ND         5         ug/kg           Ethylbenzene         ND         5         ug/kg           2-Hexanone         ND         50         ug/kg           4-Hexanone         ND         5         ug/kg           1-Isopropylbenzene         ND         5         ug/kg           p-Isopropylbenzene         ND         5         ug/kg           Methylene Chloride         ND         5         ug/kg           4-Methyl-2-Pentanone         ND         50         ug/kg           4-Methyl-2-Pentanone         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           n-Propylbenzene         ND         5         ug/kg           Nbylthalene         ND         5         ug/kg           n-Propylbenzene         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND	Parameter	Result	RL	Qualifiers	<u>Units</u>
1,1-Dichloropropene         ND         5         ug/kg           c-1,3-Dichloropropene         ND         5         ug/kg           t-1,3-Dichloropropene         ND         5         ug/kg           Ethylbenzene         ND         5         ug/kg           2-Hexanone         ND         50         ug/kg           1-sopropylbenzene         ND         5         ug/kg           1-sopropylbenzene         ND         5         ug/kg           Methylene Chloride         ND         50         ug/kg           NB         50         ug/kg         ug/kg         ug/kg           Naphthalene         ND         50         ug/kg           NB         5	2,2-Dichloropropane	ND	- 5		ug/kg
c-1,3-Dichloropropene         ND         5         ug/kg           t-1,3-Dichloropropene         ND         5         ug/kg           Ethylbenzene         ND         5         ug/kg           2-Hexanone         ND         50         ug/kg           Isopropy/Ibenzene         ND         5         ug/kg           p-Isopropy/Ibenzene         ND         5         ug/kg           Methylene Chloride         ND         50         ug/kg           4-Methyl-2-Pentanone         ND         50         ug/kg           Maphthalene         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           n-Propylbenzene         ND         5         ug/kg           Npropylbenzene         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,4-Trichlorobenzene         ND         5         ug/kg           1,2,4-Trichloroethane         ND		ND	. 5		
t-1,3-Dichloropropene         ND         5         ug/kg           Ethylbenzene         ND         5         ug/kg           2-Hexanone         ND         50         ug/kg           Isopropylbenzene         ND         5         ug/kg           p-Isopropyltoluene         ND         5         ug/kg           Methylene Chloride         ND         50         ug/kg           Methyl-2-Pentanone         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           N-Propylbenzene         ND         5         ug/kg           1,1,2-Tetholoroethane         ND         5         ug/kg           1,2,2-Tetrachloroethane         ND         5	• •	ND	5		
Ethylbenzene         ND         5         ug/kg           2-Hexanone         ND         50         ug/kg           Isopropylbenzene         ND         5         ug/kg           p-Isopropyltoluene         ND         5         ug/kg           Methylene Chloride         ND         50         ug/kg           Methyl-2-Pentanone         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           Naphthalene         ND         5         ug/kg           N-Propylbenzene         ND         5         ug/kg           Styrene         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,2,2-Trichloroethene         ND         5         ug/kg           1,2,3-Trichloroethane         ND         5         ug/kg           1,2,4-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,3-Trichloropropane         ND	t-1,3-Dichloropropene	ND	5		
Sopropylbenzene	Ethylbenzene	ND	5		- ·
p-Isopropyltoluene         ND         5         ug/kg           Methylene Chloride         ND         50         ug/kg           4-Methyl-2-Pentanone         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           N-Propylbenzene         ND         5         ug/kg           1-Propylbenzene         ND         5         ug/kg           Styrene         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         5         ug/kg           1,2,4-Trichloroethane         ND         5         ug/kg           1,1,1-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethane         ND         5         ug/kg           Trichloroethane         ND         5         ug/kg           Trichloroethane         ND	2-Hexanone	ND	50		ug/kg
p-Isopropyltoluene         ND         5         ug/kg           Methylene Chloride         ND         50         ug/kg           4-Methyl-2-Pentanone         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           N-Propylbenzene         ND         5         ug/kg           7-Propylbenzene         ND         5         ug/kg           5tyrene         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         5         ug/kg           1,2,4-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethane         ND         5         ug/kg           Trichloroethane         ND         5         ug/kg           1,2,3-Trichloropence	Isopropylbenzene	ND	5		ug/kg
4-Methyl-2-Pentanone         ND         50         ug/kg           Naphthalene         ND         50         ug/kg           n-Propylbenzene         ND         5         ug/kg           Styrene         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2-Tetrachloroethane         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         5         ug/kg           1,2,4-Trichlorobenzene         ND         5         ug/kg           1,1,1-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichlorofluoromethane         ND         5         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         5         ug/kg           1,3,5-Trimethylbenzene<		ND	. 5		ug/kg
Naphthalene         ND         50         ug/kg           n-Propylbenzene         ND         5         ug/kg           Styrene         ND         5         ug/kg           1,1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         5         ug/kg           1,2,4-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethene         ND         5         ug/kg           Trichlorofluoromethane         ND         5         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         5         ug/kg           Vinyl Chloride         ND         5         ug/kg           Vinyl Chloride <td< td=""><td>Methylene Chloride</td><td>ND</td><td>50</td><td></td><td>ug/kg</td></td<>	Methylene Chloride	ND	50		ug/kg
n-Propylbenzene         ND         5         ug/kg           Styrene         ND         5         ug/kg           1,1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         5         ug/kg           1,2,4-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichlorofluoromethane         ND         5         ug/kg           Trichlorofluoromethane         ND         5         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         5         ug/kg           Vinyl Chloride         ND         5         ug/kg           Vinyl Chloride         ND         5         ug/kg           Vinyl Chloride	4-Methyl-2-Pentanone	ND	50		ug/kg
Styrene         ND         5         ug/kg           1,1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         10         ug/kg           1,2,4-Trichlorobenzene         ND         5         ug/kg           1,1,1-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethene         ND         5         ug/kg           Trichlorofluoromethane         ND         5         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         5         ug/kg           Vinyl Chloride         ND         5         ug/kg           vinyl Chloride         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	Naphthalene	ND	50		ug/kg
1,1,1,2-Tetrachloroethane         ND         5         ug/kg           1,1,2,2-Tetrachloroethane         ND         5         ug/kg           Tetrachloroethene         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         10         ug/kg           1,2,4-Trichlorobenzene         ND         5         ug/kg           1,1,1-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethene         ND         5         ug/kg           Trichlorofluoromethane         ND         5         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           1,3,5-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         5         ug/kg           Vinyl Chloride         ND         5         ug/kg           p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	n-Propylbenzene	ND	5		ug/kg
1,1,2,2-Tetrachloroethane         ND         5         ug/kg           Tetrachloroethene         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         10         ug/kg           1,2,4-Trichlorobenzene         ND         5         ug/kg           1,1,1-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethene         ND         5         ug/kg           Trichlorofluoromethane         ND         50         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         5         ug/kg           Vinyl Chloride         ND         5         ug/kg           Vinyl Chloride         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	Styrene	ND			ug/kg
Tetrachloroethene         ND         5         ug/kg           Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         10         ug/kg           1,2,4-Trichlorobenzene         ND         5         ug/kg           1,1,1-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethene         ND         5         ug/kg           Trichloroethane         ND         5         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         5         ug/kg           Vinyl Chloride         ND	1,1,1,2-Tetrachloroethane	ND	5		ug/kg
Toluene         ND         5         ug/kg           1,2,3-Trichlorobenzene         ND         10         ug/kg           1,2,4-Trichlorobenzene         ND         5         ug/kg           1,1,1-Trichloroethane         ND         5         ug/kg           1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethane         ND         5         ug/kg           Trichlorofluoromethane         ND         50         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           1,3,5-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         50         ug/kg           Vinyl Chloride         ND         5         ug/kg           p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	1,1,2,2-Tetrachloroethane	ND	5	** *	ug/kg
1,2,3-Trichlorobenzene       ND       10       ug/kg         1,2,4-Trichlorobenzene       ND       5       ug/kg         1,1,1-Trichloroethane       ND       5       ug/kg         1,1,2-Trichloroethane       ND       5       ug/kg         Trichloroethene       ND       5       ug/kg         Trichlorofluoromethane       ND       50       ug/kg         1,2,3-Trichloropropane       ND       5       ug/kg         1,2,4-Trimethylbenzene       ND       5       ug/kg         1,3,5-Trimethylbenzene       ND       5       ug/kg         Vinyl Acetate       ND       5       ug/kg         Vinyl Chloride       ND       5       ug/kg         p/m-Xylene       ND       5       ug/kg         o-Xylene       ND       5       ug/kg	Tetrachloroethene	ND	5		ug/kg
1,2,4-Trichlorobenzene       ND       5       ug/kg         1,1,1-Trichloroethane       ND       5       ug/kg         1,1,2-Trichloroethane       ND       5       ug/kg         Trichloroethene       ND       5       ug/kg         Trichlorofluoromethane       ND       50       ug/kg         1,2,3-Trichloropropane       ND       5       ug/kg         1,2,4-Trimethylbenzene       ND       5       ug/kg         1,3,5-Trimethylbenzene       ND       5       ug/kg         Vinyl Acetate       ND       50       ug/kg         Vinyl Chloride       ND       5       ug/kg         p/m-Xylene       ND       5       ug/kg         o-Xylene       ND       5       ug/kg		ND	. 5		ug/kg
1,1,1-Trichloroethane       ND       5       ug/kg         1,1,2-Trichloroethane       ND       5       ug/kg         Trichloroethene       ND       5       ug/kg         Trichlorofluoromethane       ND       50       ug/kg         1,2,3-Trichloropropane       ND       5       ug/kg         1,2,4-Trimethylbenzene       ND       5       ug/kg         1,3,5-Trimethylbenzene       ND       5       ug/kg         Vinyl Acetate       ND       50       ug/kg         Vinyl Chloride       ND       5       ug/kg         p/m-Xylene       ND       5       ug/kg         o-Xylene       ND       5       ug/kg	1,2,3-Trichlorobenzene	ND	10		ug/kg
1,1,2-Trichloroethane         ND         5         ug/kg           Trichloroethene         ND         5         ug/kg           Trichlorofluoromethane         ND         50         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           1,3,5-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         50         ug/kg           Vinyl Chloride         ND         5         ug/kg           p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	1,2,4-Trichlorobenzene	ND	. 5		ug/kg
Trichloroethene         ND         5         ug/kg           Trichlorofluoromethane         ND         50         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           1,3,5-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         50         ug/kg           Vinyl Chloride         ND         5         ug/kg           p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	1,1,1-Trichloroethane	ND	5		ug/kg
Trichlorofluoromethane         ND         50         ug/kg           1,2,3-Trichloropropane         ND         5         ug/kg           1,2,4-Trimethylbenzene         ND         5         ug/kg           1,3,5-Trimethylbenzene         ND         5         ug/kg           Vinyl Acetate         ND         50         ug/kg           Vinyl Chloride         ND         5         ug/kg           p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	1,1,2-Trichloroethane	ND	5		ug/kg
1,2,3-Trichloropropane       ND       5       ug/kg         1,2,4-Trimethylbenzene       ND       5       ug/kg         1,3,5-Trimethylbenzene       ND       5       ug/kg         Vinyl Acetate       ND       50       ug/kg         Vinyl Chloride       ND       5       ug/kg         p/m-Xylene       ND       5       ug/kg         o-Xylene       ND       5       ug/kg	Trichloroethene	ND	5		ug/kg
1,2,4-Trimethylbenzene       ND       5       ug/kg         1,3,5-Trimethylbenzene       ND       5       ug/kg         Vinyl Acetate       ND       50       ug/kg         Vinyl Chloride       ND       5       ug/kg         p/m-Xylene       ND       5       ug/kg         o-Xylene       ND       5       ug/kg	Trichlorofluoromethane	ND	50		ug/kg
1,3,5-Trimethylbenzene       ND       5       ug/kg         Vinyl Acetate       ND       50       ug/kg         Vinyl Chloride       ND       5       ug/kg         p/m-Xylene       ND       5       ug/kg         o-Xylene       ND       5       ug/kg	1,2,3-Trichloropropane	ND	5		ug/kg
Vinyl Acetate         ND         50         ug/kg           Vinyl Chloride         ND         5         ug/kg           p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	1,2,4-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate         ND         50         ug/kg           Vinyl Chloride         ND         5         ug/kg           p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	1,3,5-Trimethylbenzene	ND	5		ug/kg
p/m-Xylene         ND         5         ug/kg           o-Xylene         ND         5         ug/kg	Vinyl Acetate	ND	50		
o-Xylene ND 5 ug/kg	Vinyl Chloride	ND	. 5		ug/kg
	p/m-Xylene	ND	5		
Methyl-tert-Butyl Ether ND 5 ug/kg	o-Xylene	ND			ug/kg
	Methyl-tert-Butyl Ether	ND	5		ug/kg

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Dibromofluoromethane

100 80-120



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

**Nork Order Number:** 

98-06-0540

QC Batch ID:

980619AS

9000

Date Collected:

06/11/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

FAX: (714) 894-7501.

Client Sample Number:

EX2-23-6

Lab Sample Number:

98-06-0540-10

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

102

81-117

1,4-Bromofluorobenzene

98



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Solid

Date Collected: Date Received:

06/11/98 06/18/98

Matrix:

N/A

Date Prepared:

Preparation: Method:

EPA 8260A

Date Analyzed:

N/A 06/20/98

**Client Sample Number:** 

EX2-23-6.5

Lab Sample Number:

98-06-0540-11

<u>Parameter</u>	Result	RL	Qualifiers	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	. 5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ИD	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5	**************************************	ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	- 5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg

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**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Solid

Date Collected: Date Received: 06/11/98

Matrix:

06/18/98

Preparation: Method:

N/A

Date Prepared: Date Analyzed: N/A 06/20/98

FAX: (714) 894-7501

TEL: (714) 895-5494

**Client Sample Number:** 

EX2-23-6.5

**EPA 8260A** 

Lab Sample Number:

98-06-0540-11

Parameter	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene .	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg
Surrogates:	REC (%)	<b>Control Limits</b>	<b>Qualifiers</b>	
Dibromofluoromethane	102	80-120		

7440 Lincoln Way, Garden Grove, CA 92841-1432 •



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Matrix: Preparation: Solid

N/A

Date Collected: Date Received:

06/11/98

Date Prepared:

06/18/98

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/20/98

**Client Sample Number:** 

EX2-23-6.5

Lab Sample Number:

98-06-0540-11

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

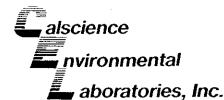
Toluene-d8

98

81-117

1,4-Bromofluorobenzene

97



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Nork Order Number:

98-06-0540

QC Batch ID:

980619BS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/20/98

Client Sample Number:

EX2-10-15

Lab Sample Number:

98-06-0540-12

<u>Parameter</u>	Result	RL	<u>Qualifiers</u>	<u>Units</u>
Acetone	94	50		ug/kg
Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
# Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/k̞g
sec-Butylbenzene	ND	5		ug/kg
r: tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene     Chl	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND .	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Solid

Date Collected:

06/09/98

Matrix:

Date Received:

06/18/98

Preparation: Method:

N/A

Date Prepared: Date Analyzed:

06/20/98

N/A

**Client Sample Number:** 

EX2-10-15

EPA 8260A

Lab Sample Number:

98-06-0540-12

Parameter	Result	, <u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
2,2-Dichloropropane	ND	- 5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5	Park to	ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	. 5		ug/kg
Vinyl Acetate	ND	50	· :	ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	7	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg

Surrogates:

**REC (%)** 

Control Limits

Qualifiers

Dibromofluoromethane

104

80-120

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/20/98

Client Sample Number:

EX2-10-15

Lab Sample Number:

98-06-0540-12

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

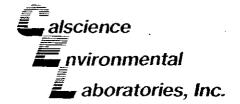
Toluene-d8

100

81-117

1,4-Bromofluorobenzene

96



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

QC Batch ID:

98-06-0540

980619BS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

EPA 8260A

Date Analyzed:

06/20/98

**Client Sample Number:** 

EX2-11-15

Lab Sample Number:

98-06-0540-13

<u>Parameter</u>	Result	RL	<u>Qualifiers</u>	<u>Units</u>
Acetone	382	50		ug/kg
Benzene	23	5	•	ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	9	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	86	50		ug/kg
n-Butylbenzene	9	5		ug/kg
sec-Butylbenzene	8	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5	-	ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND .	. 5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	12	5		ug/kg
1,2-Dichloropropane	9	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg

# alscience nvironmental aboratories, Inc.

# **ANALYTICAL REPORT**

EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

EPA 8260A

Date Analyzed:

06/20/98

Client Sample Number: Lab Sample Number:

EX2-11-15

98-06-0540-13

<u>Parameter</u>	Result	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
↑ 1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	13	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	10	5		ug/kg
p-isopropyltoluene	24	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	8	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane	16	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	13	5		ug/kg
1 oluene 1,2,3-Trichlorobenzene	ND	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		. ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,1-Trichloroethane 1,1,2-Trichloroethane	107	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	20	5		ug/kg
1,3,5-Trimethylbenzene Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	20	5		ug/kg
o-Xylene	16	· 5		ug/kg
Methyl-tert-Butyl Ether	10	5		ug/kg
	DEO (0/)	0	0 ""	

Surrogates:

**REC (%)** 

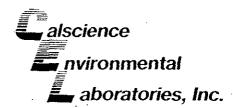
**Control Limits** 

**Qualifiers** 

Dibromofluoromethane

108

80-120



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Date Collected:

06/09/98

Matrix:

Solid

Date Received:

06/18/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/20/98

**Client Sample Number:** 

EX2-11-15

Lab Sample Number:

98-06-0540-13

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

104

81-117

1,4-Bromofluorobenzene

87



**EPA 8260A Volatile Organics** 

**Client Name:** 

Alton Geoscience

Project ID:

Mobil Jalk Fee

**Vork Order Number:** 

98-06-0540

QC Batch ID:

980619AS

**EPA 8260A** 

Date Collected:

N/A

Matrix:

Solid

Date Received:

N/A N/A

Preparation: Method:

N/A

Date Prepared: Date Analyzed:

06/19/98

Client Sample Number:

**Method Blank** 

Lab Sample Number:

MMM

095-01-025-720

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
Acetone	ND	50		ug/kg
[ Benzene	ND	5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5	•	ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
f 2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
[ tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
☐ Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	- 5		ug/kg
Chloromethane	ND	5		ug/kg
2-Chlorotoluene	ND	. 5		ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND ·	5		ug/kg
p: Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	. 5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg
		===.		



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected: Date Received: N/A

Matrix:

Solid

N/A

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** Lab Sample Number:

**Method Blank** 

095-01-025-720

Parameter	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	. 5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-Isopropyltoluene	. ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND ·	10		ug/kg
1,2,4-Trichlorobenzene	ND	5		ug/kg
1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5	•	ug/kg

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Dibromofluoromethane

99

80-120

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

-Project ID:

Mobil Jalk Fee

Vork Order Number:

98-06-0540

QC Batch ID:

980619AS

Date Collected:

N/A

Matrix:

Solid

Date Received:

N/A

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/19/98

**Client Sample Number:** Lab Sample Number:

Method Blank

095-01-025-720

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

101

81-117

1,4-Bromofluorobenzene

94



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Date Collected:

N/A

Matrix:

Solid

Date Received:

N/A

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/20/98

**Client Sample Number:** 

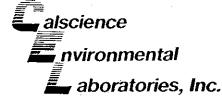
Method Blank 2

Lab Sample Number:

095-01-025-725

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
Acetone	ND	50		ug/kg
Benzene	ND	- 5		ug/kg
Bromobenzene	ND	5		ug/kg
Bromochloromethane	ND	5		ug/kg
Bromodichloromethane	ND	5		ug/kg
Bromoform	ND	5		ug/kg
Bromomethane	ND	5		ug/kg
2-Butanone	ND	50		ug/kg
n-Butylbenzene	ND	5		ug/kg
sec-Butylbenzene	ND	5		ug/kg
tert-Butylbenzene	ND	5		ug/kg
Carbon Disulfide	ND	50		ug/kg
Carbon Tetrachloride	ND	5		ug/kg
Chlorobenzene	ND	5		ug/kg
Chloroethane	ND	5		ug/kg
Chloroform	ND	5		ug/kg
Chloromethane	ND	<u>5</u> 5		ug/kg
2-Chlorotoluene	ND			ug/kg
4-Chlorotoluene	ND	5		ug/kg
Dibromochloromethane	ND	5		ug/kg
1,2-Dibromo-3-Chloropropane	ND	5		ug/kg
1,2-Dibromoethane	ND	5		ug/kg
Dibromomethane	ND	5		ug/kg
1,2-Dichlorobenzene	ND	. 5		ug/kg
1,3-Dichlorobenzene	ND	5		ug/kg
1,4-Dichlorobenzene	ND	5		ug/kg
Dichlorodifluoromethane	ND	5		ug/kg
1,1-Dichloroethane	ND	5		ug/kg
1,2-Dichloroethane	ND	5		ug/kg
1,1-Dichloroethene	ND	5		ug/kg
c-1,2-Dichloroethene	ND	5		ug/kg
t-1,2-Dichloroethene	ND	5		ug/kg
1,2-Dichloropropane	ND	5		ug/kg
1,3-Dichloropropane	ND	5		ug/kg

FAX: (714) 894-7501 7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 •



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

**EPA 8260A** 

Solid

Date Collected: Date Received: N/A

Matrix:

N/A N/A

Preparation: Method:

N/A

Date Prepared: Date Analyzed:

06/20/98

Client Sample Number:

Method Blank 2

Lab Sample Number:

095-01-025-725

Parameter	Result	RL	Qualifiers	<u>Units</u>
2,2-Dichloropropane	ND	5		ug/kg
[ 1,1-Dichloropropene	ND	5		ug/kg
c-1,3-Dichloropropene	ND	5		ug/kg
t-1,3-Dichloropropene	ND	5		ug/kg
[ Ethylbenzene	ND	5		ug/kg
2-Hexanone	ND	50		ug/kg
Isopropylbenzene	ND	5		ug/kg
p-lsopropyltoluene	ND	5		ug/kg
Methylene Chloride	ND	50		ug/kg
4-Methyl-2-Pentanone	ND	50		ug/kg
Naphthalene	ND	50		ug/kg
n-Propylbenzene	ND	5		ug/kg
Styrene	ND	5		ug/kg
[ 1,1,1,2-Tetrachloroethane	ND	5		ug/kg
1,1,2,2-Tetrachloroethane	ND	5		ug/kg
Tetrachloroethene	ND	5		ug/kg
Toluene	ND	5		ug/kg
1,2,3-Trichlorobenzene	ND	. 10		ug/kg
1,2,4-Trichlorobenzene	ND	5	•	ug/kg
T 1,1,1-Trichloroethane	ND	5		ug/kg
1,1,2-Trichloroethane	ND	5		ug/kg
Trichloroethene	ND	5		ug/kg
Trichlorofluoromethane	ND	50		ug/kg
1,2,3-Trichloropropane	ND	5		ug/kg
1,2,4-Trimethylbenzene	ND	5		ug/kg
1,3,5-Trimethylbenzene	ND	5		ug/kg
Vinyl Acetate	ND	50		ug/kg
Vinyl Chloride	ND	5		ug/kg
p/m-Xylene	ND	5		ug/kg
o-Xylene	ND	5		ug/kg
Methyl-tert-Butyl Ether	ND	5		ug/kg
Surrogates:	<u>REC (%)</u>	<b>Control Limits</b>	<u>Qualifiers</u>	

100 Dibromofluoromethane 7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494

80-120

FAX: (714) 894-7501



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee

Work Order Number:

98-06-0540

QC Batch ID:

980619BS

Date Collected:

N/A

Matrix:

Solid

Date Received:

N/A N/A

Preparation: Method:

N/A **EPA 8260A**  Date Prepared: Date Analyzed:

06/20/98

**Client Sample Number:** 

Method Blank 2

Lab Sample Number:

095-01-025-725

Surrogates:

**REC (%)** 

Control Limits

Qualifiers

Toluene-d8

81-117

1,4-Bromofluorobenzene

101 99

74-121



#### Quality Control - Spike/Spike Duplicate

EPA 8260A Volatile Organics

MS/MSD Batch Number:

060540-2

Instrument:

GC/MS A

Matrix:

Solid

Date Extracted:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/20/98

Spiked Sample ID: EX1-7-11.5

MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
99	100	72-127	1	0-25	N.
102	103	70-130	1	0-25	
101	101	72-131	0	0-25	
99	102	70-130	3	0-25	
100	102	69-127	2	0-25	
99	99	75-124	0	0-25	
101	102	60-137	1	0-25	
96	99	70-130	3	0-25	
	99 102 101 99 100 99 101	99 100 102 103 101 101 99 102 100 102 99 99 101 102	99 100 72-127 102 103 70-130 101 101 72-131 99 102 70-130 100 102 69-127 99 99 75-124 101 102 60-137	99 100 72-127 1 102 103 70-130 1 101 101 72-131 0 99 102 70-130 3 100 102 69-127 2 99 99 75-124 0 101 102 60-137 1	99 100 72-127 1 0-25 102 103 70-130 1 0-25 101 101 72-131 0 0-25 99 102 70-130 3 0-25 100 102 69-127 2 0-25 99 99 75-124 0 0-25 101 102 60-137 1 0-25

## Calscience nvironmental Quality Control - Laboratory Control Sample aboratories, Inc. EPA 8260A Volatile Organics

LCS Batch Number:

980619AS

Lab File ID:

19JUN003

Matrix:

Solid

Method:

**EPA 8260A** 

Instrument:

GC/MS A

Date Analyzed: 06/19/98

LCS Sample Number: 095-01-025-720

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Benzene	250	247	99	72-127	in the state of th
Carbon Tetrachloride	250	252	101	70-130	
Chlorobenzene	250	252	101	72-131	
1,2-Dichlorobenzene	250	256	102	70-130	
1,1-Dichloroethene	250	254	102	69-127	•
Toluene	250	251	100	75-124	
Trichloroethene	250	249	100	60-137	
Vinyl Chloride	250	242	97	79-118	

## alscience nvironmental

### **Quality Control - Laboratory Control Sample**

aboratories, Inc.

EPA 8260A Volatile Organics

LCS Batch Number:

980619BS

Lab File ID:

19JUN025

Matrix: Method: Solid

EPA 8260A

Instrument:

GC/MS A

Date Analyzed: 06/20/98

LCS Sample Number:

095-01-025-725

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Benzene	250	256	103	72-127	
Carbon Tetrachloride	250	260	104	70-130	
Chlorobenzene	250	255	102	72-131	i i
1,2-Dichlorobenzene	250	252	101	70-130	
1,1-Dichloroethene	250	257	103	69-127	
Toluene	250	258	103	75-124	
Trichloroethene	250	254	102	60-137	
Vinyl Chloride	250	253	101	79-118	

# Calscience GLOSSARY OF TERMS AND QUALIFIERS nvironmental aboratories, Inc.

Work Order Number: 98-06-0540

Qualifier

**Definition** 

ND

Not detected at indicated reporting limit.

#### **SAMPLE RECEIPT FORM**

Date Received:

Date Opened:

06/18/98

06/18/98

Generated in LIMS

98-06-0540

Cooler

Work Order Number:

06/15/98

15:53:43

**Delivery Container Type:** 

ection A: Pass/Fail Criteria			
		Commer	nts
Chain of custody document(s) received with samples.	Yes	<del></del>	_
Sample container label(s) consistent with custody papers.	Yes		
Sample container label(s) complete (ID, date, time, taken by).	Yes		
. Sample container(s) intact and in good condition.	Yes		
. If applicable, proper preservation noted on sample label(s).	Yes		
. Sufficient sample volume received for analyses requested.	Yes		
. Correct containers used for analyses requested.	Yes		
. If applicable, VOA vials free of headspace.	NA		
Section B: Additional Observations		**************************************	<del></del>
	•		
. Describe packing materials used in container.	NA		
. Was container sealed with custody seals?	No		
. Were all samples sealed in separate plastic bags?	No		
. Measured temperature inside delivery container when opened.	10.0 °C (	$\widehat{\mathcal{R}}$	
If delivery container shipped by third-party carrier,	NA		1
lid container come with shipping slip, airbill, etc.?			
YES, attach copy of shipping slip/airbill to the back of this form.			
	······		
Section C: Additional Comments		-	
Samples received on the counter chilled, &	not before le	· · · · · · · · · · · · · · · ·	versurel.
feet rather on the change should,	7	information in	-
			· · · · · · · · · · · · · · · · · · ·

549

Alton Geoscience		Project Name	Mobil Jalk Fe	e				Anal	/sis F	Reque	ested		CH	AIN-OF-CUSTODY-RECORD
25A Technology Drive, S	Suite 100	Project Address	10607 Norwa	lk Blvd		(W), Air (A)						ers		Page 1 of 1
Irvine, California 92618			Santa Fe Spri	ings, CA		۸), A	(C.U	틸	,08/	3		tain		
Phone: (714) 753-0101; FAX	: 753-0111	Project Number	······································			Water (	Gasoline (LUFT)	Sel (I	() ATR	5		of Containers	.	_aboratory Project #:
Michael Pitta		PO Number (if app	licable)			3), Wa	as Ga	as Diesel (LUFT)	(418.1) with MTRE (8020)			er of		
Sample ID	Samp	le Location	Date 1/2	Time	Lab	Soil (S),	TPH a	TPH	BTEX with MT	8260		Number		Comments/Special Instructions
EX1-11-6			6/11/98			s				X		1		
EX1-7-11.5			6/10/98			s				X		1		
EX1-5-5.5		· · · · · · · · · · · · · · · · · · ·	6/10/98			s				X		1		
EX1-3-5.5		· · · · · · · · · · · · · · · · · · ·	6/9/98			s				X		1		
EX2-2-5,5			10/9/98			s				X		1		·
EX2-1-5.5			6/9/98			s				X		1		
EX2-7-6			6/9/98			s				X		1		
EX2-8-6			6/9/98			s				X		1		
EX2-9-6.5			6/9/98			s				X		1		
EX2-23-6			6/11/98			s				X		1		
EX2-23-6.5			6/11/98			s				Х		1		
EX2-10-15			6/9/98			s				Х		1		
EX2-11-15			6/9/98			s				Х		1		
													* Date	at samue collection received
													fran Rus	is of sample collection received in Kato on 6/19/98 pg
Furnaround Request (circle one			4-48hr <i>7/</i> 2-(9	6hr) N	ormal		٨	lobile	Lab		Oth	er:	17000 BY (	an elitita lafe
	Y / N S	Sealed? Y / I	V Comments:			<del></del>					7			
Ilinquished by; Ballinguished	-	Relinquished by:	· · · · · · · · · · · · · · · · · · ·				ished	by:	,		·			Relinquished by:
DASELINE	1011	Company:	· · · · · · · · · · · · · · · · · · ·			ompar ate/Tir	•							Company:
18 JUN 28 / /	18:45	Received:	•			eceive							······································	Date/Time:
( )	ac-											•		Received:
1.000	10	Company: Date/Time:	······································			ompar					•		<del></del>	Company:
(6/18/98/	18:50	Date/Time:	·		Da	ate/Tir	me:	_						Date/Time:

BASELINE

P. O. Box 2243 Huntington Beach, California 92647 Phone: (714) 396-5467 FAX: (714) 842-2947



June 25, 1998

Mike Pitta Alton Geoscience 25-A Technology Drive, Suite 200 Irvine, CA 92718

Subject:

**Calscience Work Order Number:** 

Client Reference:

98-06-0603

Jalk Fee Property

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 06/22/98 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested, and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

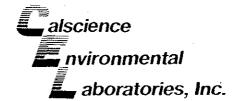
Calscience Environmental

Laboratories, Inc.

Mike Crisostomo

**Project Manager** 

William H. Christensen Deliverables Manager



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0603

QC Batch ID:

980623AE

Date Collected: Date Received: 06/22/98

Matrix:

Solid

06/22/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/23/98

**Client Sample Number:** 

EX2-26-15

Lab Sample Number:

98-06-0603-1

<u>Parameter</u>	Result	<u>RL</u>	Qualifiers	<u>Units</u>
Acetone	ND	2500		ug/kg
Benzene	300	200		ug/kg
Bromobenzene	ND	200	* * * * * * * * * * * * * * * * * * * *	ug/kg
Bromochloromethane	ND	200		ug/kg
Bromodichloromethane	ND	200		ug/kg
Bromoform	ND	200		ug/kg
Bromomethane	ND	200		ug/kg
2-Butanone	ND	2500		ug/kg
n-Butylbenzene	ND	200		ug/kg
sec-Butylbenzene	2300	200		ug/kg
tert-Butylbenzene	ND	200		ug/kg
Carbon Disulfide	ND	2500		ug/kg
Carbon Tetrachloride	ND	200		ug/kg
Chlorobenzene	ND	200		ug/kg
Chloroethane	ND	200		ug/kg
Chloroform	ND	200		ug/kg
Chloromethane	ND	200		ug/kg
2-Chlorotoluene	ND	200		ug/kg
4-Chlorotoluene	ND	200		ug/kg
Dibromochloromethane	ND	200		ug/kg
1,2-Dibromo-3-Chloropropane	ND	200		ug/kg
1,2-Dibromoethane	ND	200		ug/kg
Dibromomethane	ND	200		ug/kg
1,2-Dichlorobenzene	ND	200		ug/kg
1,3-Dichlorobenzene	ND	200		ug/kg
1,4-Dichlorobenzene	ND	200		ug/kg
Dichlorodifluoromethane	ND	200		ug/kg
1,1-Dichloroethane	ND	200		ug/kg
1,2-Dichloroethane	ND	200		ug/kg
1,1-Dichloroethene	ND	200		ug/kg
c-1,2-Dichloroethene	14700	200		ug/kg
t-1,2-Dichloroethene	ND	200		ug/kg
1,2-Dichloropropane	ND	200		ug/kg
1,3-Dichloropropane	ND	200		ug/kg

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## alscience nvironmental aboratories, Inc.

#### **ANALYTICAL REPORT**

**EPA 8260A Volatile Organics** 

≟lient Name:

Alton Geoscience

Project ID:

Jalk Fee Property

fork Order Number:

98-06-0603

QC Batch ID:

980623AE

Date Collected:

06/22/98

Matrix:

Solid

Date Received:

06/22/98

reparation:

N/A

Date Prepared:

N/A

∛lethod:

**EPA 8260A** 

Date Analyzed:

06/23/98

lient Sample Number: √∠ab Sample Number:

EX2-26-15

98-06-0603-1

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	Qualifiers	<u>Units</u>
2,2-Dichloropropane	ND	200		ug/kg
(1,1-Dichloropropene	ND	200	-	ug/kg
5-1,3-Dichloropropene	ND	200		ug/kg
t-1,3-Dichloropropene	ND	200		ug/kg
Ethylbenzene	ND	200		ug/kg
2-Hexanone	ND	2500		ug/kg
ີ່ Îsopropylbenzene	1100	200		ug/kg
∉∵p-Isopropyltoluene	ND	200		ug/kg
Viethylene Chloride	ND	2500		ug/kg
4-Methyl-2-Pentanone	ND	2500		ug/kg
Naphthalene	ND	2500		ug/kg
n-Propylbenzene	1600	200		ug/kg
Styrene	ND	200		ug/kg
رث1,1,1,2-Tetrachloroethane	ND	200		ug/kg
1,1,2,2-Tetrachloroethane	ND	200		ug/kg
'√Tetrachloroethene	308000	2000		ug/kg
Toluene	ND	200		ug/kg
1,2,3-Trichlorobenzene	ND	500		ug/kg
1,2,4-Trichlorobenzene	ND	200		ug/kg
1,1,1-Trichloroethane	ND	200		ug/kg
1,1,2-Trichloroethane	ND	200		ug/kg
ਿੱTrichloroethene	28100	200		ug/kg
Trichlorofluoromethane	ND	2500		ug/kg
1,2,3-Trichloropropane	ND	200		ug/kg
1,2,4-Trimethylbenzene	200	200		ug/kg
1,3,5-Trimethylbenzene	ND	200		ug/kg
Vinyl Acetate	ND	2500		ug/kg
Vinyl Chloride	ND	200		ug/kg
p/m-Xylene	500	200		ug/kg
o-Xylene	ND	200		ug/kg
Methyl-tert-Butyl Ether	ND	200		ug/kg
Tion 1	550 (04)	Orandari III 19	0 "5	

Surrogates:

**REC (%)** 

**Control Limits** 

**Qualifiers** 

Dibromofluoromethane

99

80-120



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0603

QC Batch ID:

980623AE

Date Collected:

06/22/98

Matrix:

Solid

Date Received:

06/22/98

Preparation:

N/A

Date Prepared:

N/A

Method:

EPA 8260A

Date Analyzed:

06/23/98

**Client Sample Number:** 

EX2-26-15

Lab Sample Number:

98-06-0603-1

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

107

81-117

1,4-Bromofluorobenzene

95

74-121



**EPA 8260A Volatile Organics** 

Client Name:

Alton Geoscience

Rroject ID:

Jalk Fee Property

Jork Order Number:

98-06-0603

**QC** Batch ID:

980623AE

Date Collected:

N/A

Matrix:

Solid

Date Received:

N/A

Preparation:

N/A

Date Prepared:

N/A

∜lethod:

**EPA 8260A** 

Date Analyzed:

06/23/98

lient Sample Number: ab Sample Number:

**Method Blank** 

095-01-025-732

Parameter	Result	RL	<b>Qualifiers</b>	<u>Units</u>
Acetone	ND	500		ug/kg
f Benzene	ND	50		ug/kg
Bromobenzene	ND	50		ug/kg
Bromochloromethane	ND	50		ug/kg
r Bromodichloromethane	ND	50		ug/kg
Bromoform	ND	50		ug/kg
Bromomethane	ND	50		ug/kg
€2-Butanone	ND	500		ug/kg
n-Butylbenzene	ND	50		ug/kg
sec-Butylbenzene	ND	50		ug/kg
/ tert-Butylbenzene	• ND	50		ug/kg
Carbon Disulfide	ND	500		ug/kg
Carbon Tetrachloride	ND	50		ug/kg
Chlorobenzene	ND	50		ug/kg
Chloroethane	ND	50		ug/kg
Chloroform	ND	50		ug/kg
<b>⊱</b> ₄Chloromethane	ND	50		ug/kg
2-Chlorotoluene	ND	50		ug/kg
4-Chlorotoluene	ND	50		ug/kg
Dibromochloromethane	ND	50		ug/kg
1,2-Dibromo-3-Chloropropane	ND	50		ug/kg
1,2-Dibromoethane	ND	50		ug/kg
<i>ू</i> ्Dibromomethane	ND	50		ug/kg
1,2-Dichlorobenzene	ND	50		ug/kg
1,3-Dichlorobenzene	ND	50		ug/kg
, 1,4-Dichlorobenzene	ND	50		ug/kg
Dichlorodifluoromethane	ND	50		ug/kg
1,1-Dichloroethane	ND	50		ug/kg
2 1,2-Dichloroethane	ND	50		ug/kg
1,1-Dichloroethene	ND	50		ug/kg
<sup>€</sup> c-1,2-Dichloroethene	ND	50		ug/kg
€ t-1,2-Dichloroethene	ND	50		ug/kg
1,2-Dichloropropane	ND	50		ug/kg
1,3-Dichloropropane	ND	50		ug/kg
1.1				

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EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0603

QC Batch ID:

980623AE

Date Collected:

N/A

Matrix:

Solid

Date Received:

N/A

Preparation:

N/A

Date Prepared:

N/A

Method:

EPA 8260A

Date Analyzed:

06/23/98

**Client Sample Number:** 

**Method Blank** 

Lab Sample Number:

095-01-025-732

<u>Parameter</u>	Result	<u>RL</u>	<b>Qualifiers</b>	<u>Units</u>
2,2-Dichloropropane	ND	50		ug/kg
1,1-Dichloropropene	ND	50		ug/kg
c-1,3-Dichloropropene	ND	50		ug/kg
t-1,3-Dichloropropene	ND	50		ug/kg
Ethylbenzene	ND	50		ug/kg
2-Hexanone	ND	500		ug/kg
Isopropylbenzene	ND	50		ug/kg
p-Isopropyltoluene	ND	50		ug/kg
Methylene Chloride	ND	500		ug/kg
4-Methyl-2-Pentanone	ND	500		ug/kg
Naphthalene	ND	500		ug/kg
n-Propylbenzene	ND	50		ug/kg
Styrene	ND	50		ug/kg
1,1,1,2-Tetrachloroethane	ND	50		ug/kg
1,1,2,2-Tetrachloroethane	ND	50		ug/kg
Tetrachloroethene	ND	50		ug/kg
Toluene	ND	50		ug/kg
1,2,3-Trichlorobenzene	ND	100		ug/kg
1,2,4-Trichlorobenzene	ND	50		ug/kg
1,1,1-Trichloroethane	ND ND	50		ug/kg
1,1,2-Trichloroethane	ND	50		ug/kg
Trichloroethene	ND	50		ug/kg
Trichlorofluoromethane	ND	500		ug/kg
1,2,3-Trichloropropane	ND	50		ug/kg
1,2,4-Trimethylbenzene	··· ND	50	•	ug/kg
1,3,5-Trimethylbenzene	ND	50		ug/kg
Vinyl Acetate	ND	500		ug/kg
Vinyl Chloride	ND	50	•	ug/kg
p/m-Xylene	ND	50		ug/kg
o-Xylene	ND	50		ug/kg
Methyl-tert-Butyl Ether	ND	50		ug/kg
Surrogates:	REC. (%)	Control Limits	Oualifiers	

Surrogates:

**REC (%)** 

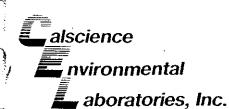
Control Limits

Qualifiers

Dibromofluoromethane

99

80-120



EPA 8260A Volatile Organics

Client Name:

Alton Geoscience

Rroject ID:

Jalk Fee Property

**Vork Order Number:** 

98-06-0603

**QC** Batch ID:

980623AE

Solid

Date Collected: Date Received: N/A

Matrix:

N/A

Preparation:

N/A

Date Prepared:

N/A

/lethod:

**EPA 8260A** 

Date Analyzed:

06/23/98

**Slient Sample Number:** 

**Method Blank** 

095-01-025-732

Surrogates:

**REC (%)** 

**Control Limits** 

Qualifiers

Toluene-d8

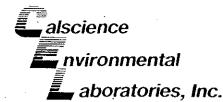
100

81-117

1,4-Bromofluorobenzene

99

74-121



#### Quality Control - Spike/Spike Duplicate

EPA 8260A Volatile Organics

MS/MSD Batch Number:

060580-18

Instrument:

GC/MS A

Matrix:

Solid

Date Extracted:

N/A

Method:

**EPA 8260A** 

Date Analyzed:

06/23/98

Spiked Sample ID: 98-06-0580-18

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	101	72-127	4	0-25	
Carbon Tetrachloride	108	105	70-130	3	0-25	
Chlorobenzene	105	102	72-131	3	0-25	٠.
1,2-Dichlorobenzene	104	102	70-130	2	0-25	
1,1-Dichloroethene	105	103	69-127	2	0-25	
Toluene	106	101	75-124	5	0-25	
Trichloroethene	121	126	60-137	4	0-25	
Vinyl Chloride	101	99.	70-130	2	0-25	



## nvironmental Quality Control - Laboratory Control Sample

aboratories, Inc.

**EPA 8260A Volatile Organics** 

LCS Batch Number:

980623AE

Lab File ID:

23JUN008

Matrix:

Solid

Method:

EPA 8260A

Instrument:

GC/MS A

Date Analyzed: 06/23/98

LCS Sample Number: 095-01-025-732

<u>Parameter</u>	Conc Added	Conc Recovered	%Rec	%Rec CL	Qualifiers
Benzene	250	246	98	72-127	
Carbon Tetrachloride	250	248	99	70-130	
Chlorobenzene	250	251	100	72-131	
1,2-Dichlorobenzene	250	252	101	70-130	
1,1-Dichloroethene	250	248	99	69-127	
Toluene	250	252	101	75-124	
Trichloroethene	250	250	100	60-137	
Vinyl Chloride	250	227	91	79-118	

## Calscience GLOSSARY OF TERMS AND QUALIFIERS nvironmental aboratories, Inc.

Work Order Number: 98-06-0603

Qualifier

**Definition** 

ND

Not detected at indicated reporting limit.

#### SAMPLE RECEIPT FORM

Date Received:

Date Opened:

06/22/98

06/22/98

Generated in LIMS

98-06-0603

Cooler

Work Order Number:

06/15/98

15:53:43

**Delivery Container Type:** 

Client Project ID: Jalk Fee Property Opened By: JP Section A: Pass/Fail Criteria Comments 1. Chain of custody document(s) received with samples. Yes 2. Sample container label(s) consistent with custody papers. Yes 3. Sample container label(s) complete (ID, date, time, taken by). Yes 4. Sample container(s) intact and in good condition. Yes 5. If applicable, proper preservation noted on sample label(s). NA 6. Sufficient sample volume received for analyses requested. Yes 7. Correct containers used for analyses requested. Yes 8. If applicable, VOA vials free of headspace. NA Section B: Additional Observations 1. Describe packing materials used in container. NA 2. Was container sealed with custody seals? No 3. Were all samples sealed in separate plastic bags? No 4. Measured temperature inside delivery container when opened. 25.0 °C 5. If delivery container shipped by third-party carrier, No did container come with shipping slip, airbill, etc.? If YES, attach copy of shipping slip/airbill to the back of this form. Section C: Additional Comments

				***************************************
-		_ ^	O 7	#120
-	$\alpha n$	an	V /_	
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					Ì		GASE	MN91	100	(89)	S ME	722 №	DBCP	/ PGB	(8270C)	8260	Æ	JEW /	9							10.237.65
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## CACCIET EN SON TA

7440 LINCOLN WAY **GARDEN GROVE, CA 92841-1432** TEL: (714) 895-5494 • FAX: (714) 894-7501

	6/22/98	
Page	of .	

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ADDR	5 A Te	chnology Dril	<u>او</u>				PROJECT CONTACT:										QUOTE NO.:									
ADDRESS:  ADDRESS:  Technology Drive  CITY  LPT; Me  FAX:  TENALL:  ENALL:  LABORATORY CLIENT:  C. O. Alton Geoscience  Alton Geoscience  ZIP  G2618						PROJECT CONTACT:  PROJECT CONTACT:  QUOTE NO.:  AMPLER(S): (SIGNATURE)  LAB USE ONLY													—							
TEL:	tine:	FAX:	E-MA	AlL:			Michael Pitta 0 6 - 60																			
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LAB USE		LOCATIONUBECCRIPTION	SAMF	PLING	MATRIX	NO. OF	(6) H	BTEX /	HALOCARBONS	VOCs (8260B)	SV0Cs (8270C)	PEST / PCBs (8081A)	EDB / DBCP (504.1 or 8011)	ĆAC, T22 METALS (6010A)	ICP/MS METALS (6020)	PŇAs (8310)	VOCs (TO-14)	CH4 / TGNMO (25.1)	FIXED GASES (25.1							
ONLY	SAMPLE ID	LOCATION/DESCRIPTION	DATE	TIME	All All III A	CONT.	TPH	8		, vo	S	PE	03	Ċ	01	۵		ప	£.					_		
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All turnaround times are based on working hours of 8:30 a.m. - 5:30 p.m. M - F. Unless otherwise requested, all samples will be disposed of 30 days after receipt. DISTRIBUTION: White with final report, Yellow to File, Pink to Client

8/27/97 Revision



June 25, 1998

Mike Pitta Alton Geoscience 25-A Technology Drive, Suite 200 Irvine, CA 92718

Subject:

**Calscience Work Order Number:** 

**Client Reference:** 

98-06-0604

**Jalk Fee Property** 

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 06/22/98 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested, and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

Calscience Environmental

Laboratories, Inc.

Mike Crisostomo

**Project Manager** 

William H. Christensen Deliverables Manager



Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	06/23/98
	Date Analyzed:	06/23/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta	Method:	EPA 418.1
RE: Jalk Fee Property	Page 1 of 1	
_ · · · · · · · · · · · · · · · · · · ·	The state of the s	

All total recoverable petroleum hydrocarbon concentrations are reported in mg/kg (ppm).

Sample Number	Concentration	Reporting <u>Limit</u>
. CSP3-1	2800	200
CSP3-2	387	40
CSP3-3	2270	200
CSP3-4	288	40
CSP3-5	925	50
CSP1-6	31	10
CSP1-7	53	10
CSP2-8	242	20
CSP2-9	3410	200
CSP2-10	902	100
Method Blank	ND.	10

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.



aboratories, Inc.

#### **ANALYTICAL REPORT**

ē.	
Date Sampled	06/17/98
0 Date Received	: 06/22/98
Date Extracted	l: P/T
Date Analyzed	: 06/23/98
Work Order No	
Method:	EPA 8020A
Page 1 of 4	
μg/kg (ppb).	
Concentration	Reporting <u>Limit</u>
	Date Extracted Date Analyzed Work Order No Method: Page 1 of 4 μg/kg (ppb).

Analyte	Concentration	<u>Limit</u>		
Sample Number: CSP3	<b>-1</b>			
Benzene	ND .	5.0		
Toluene	5.9	5.0		
Ethylbenzene	54	5.0		
Total Xylenes	145	10.0		
MTBE	ND .	100		
Sample Number: CSP3	-2			
Benzene	ND	5.0		
Toluene	ND	5.0		
Ethylbenzene	ND	5.0		
Total Xylenes	ND	10.0		
MTBE	ND	100		
Sample Number: CSP3	-3			
Dannas				

Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
Total Xylenes	ND	10.0
MTBE	ND	100



### aboratories, Inc.

#### **ANALYTICAL REPORT**

Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	P/T
	Date Analyzed:	06/23/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta	Method:	EPA 8020A
RE: Jalk Fee Property	Page 2 of 4	

All concentrations are reported in µg/kg (ppb).

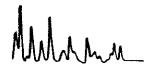
<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP3-	4	
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
Total Xylenes	ND	10.0
MTBE	ND	100
Sample Number: CSP3-	5	
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
Total Xylenes	ND	10.0
MTBE	ND	100
Sample Number: CSP1	-6	· · · · · · · · · · · · · · · · · · ·
Benzene	ND	5.0
Toluene	5.3	5.0
Ethylbenzene	ND	5.0
Total Xylenes	ND	10.0
MTBE	ND	100



Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	P/T
	Date Analyzed:	06/23/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta	Method:	EPA 8020A
RE: Jalk Fee Property	Page 3 of 4	

All concentrations are reported in μg/kg (ppb).

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP1-7		
Benzene Toluene Ethylbenzene Total Xylenes MTBE	ND 5.9 ND ND ND	5.0 5.0 5.0 10.0 100
Sample Number: CSP2-8		
Benzene Toluene Ethylbenzene Total Xylenes MTBE	ND ND ND 32.4 ND	5.0 5.0 5.0 10.0 100
Sample Number: CSP2-9	,	
Benzene Toluene Ethylbenzene Total Xylenes MTBE	ND ND ND ND ND	5.0 5.0 5.0 10.0 100





aboratories, Inc.

#### **ANALYTICAL REPORT**

· · · · · · · · · · · · · · · · · · ·	·····	
Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	P/T
	Date Analyzed:	06/23/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta	Method:	EPA 8020A
RE: Jalk Fee Property	Page 4 of 4	

All concentrations are reported in  $\mu g/kg$  (ppb).

Analyte	Concentration	Reporting <u>Limit</u>
Sample Number: CSP2-10	•	
Benzene Toluene Ethylbenzene	ND ND ND	5.0 5.0 5.0
Total Xylenes MTBE Sample Number: Method Blant	ND ND	10.0 100
Benzene	ND	5.0
Toluene Ethylbenzene Total Xylenes MTBE	ND ND ND ND	5.0 5.0 10.0 100

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.



EPA 8021A Halogenated VOCs

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0604

QC Batch ID:

980623AS

Matrix:

Solid

Date Collected: Date Received: 06/17/98

Date Prepared:

06/22/98

Preparation:

N/A

N/A

Method:

EPA 8021A

Date Analyzed:

06/23/98

**Client Sample Number:** 

**CSP3-1** 

Lab Sample Number:

98-06-0604-1

Parameter	<u>Result</u>	<u>RL</u>	Qualifiers	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND .	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	13.2	10		ug/kg
t-1,2-Dichloroethene	ND	5.0	•	ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	- ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
Bromoform	ND	5.0	:	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	<u>REC (%)</u>	Control Limits	Qualifiers	·

2-Chloropropane 84 60-135 1-Chloro-3-Fluorobenzene 86 60-135

## alscience nvironmental aboratories, Inc.

#### **ANALYTICAL REPORT**

EPA 8021A Halogenated VOCs

:lient Name

Alton Geoscience

Proiect ID:

Jalk Fee Property

Vork Order Number:

98-06-0604

ÚC Batch ID:

980623AS

Matrix:

Solid

Date Received:

06/17/98

N/A

06/22/98

Date Prepared:

N/A

Preparation: wethod:

**EPA 8021A** 

Date Analyzed:

Date Collected:

06/23/98

lient Sample Number: Lab Sample Number:

2-Chloropropane

-Chloro-3-Fluorobenzene

**CSP3-2** 

98-06-0604-2

<u>Parameter</u>	Result .	<u>RL</u>	Qualifiers	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
r Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
r Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
F:Methylene Chloride	11.1	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
foc-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
€ Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
€ c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
€ Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
<sup>™</sup> 1,3-Dichlorobenzene	ND	5.0		ug/kg
, 1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	<u>REC (%)</u>	<b>Control Limits</b>	<b>Qualifiers</b>	•

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7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

60-135

60-135



EPA 8021A Halogenated VOCs

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0604

QC Batch ID:

980623AS

Solid

Date Collected: Date Received: 06/17/98

Matrix:

06/22/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/23/98

**Client Sample Number:** 

CSP3-3

Lab Sample Number:

98-06-0604-3

<u>Parameter</u>	Result	RL	<b>Qualifiers</b>	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND .	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	10.8	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0	200	ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	<u>REC (%)</u>	<b>Control Limits</b>	Qualifiers	
2-Chloropropane	77	60-135		
1-Chloro-3-Fluorobenzene	78	60-135		

FAX: (714) 894-7501 7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494



EPA 8021A Halogenated VOCs

aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Vork Order Number:

98-06-0604

QC Batch ID:

980623AS

Solid

Date Collected: Date Received: 06/17/98

Matrix:

06/22/98

Preparation:

N/A

Date Prepared:

N/A

Method:

Date Analyzed:

06/23/98

Client Sample Number:

**CSP3-4** 

**EPA 8021A** 

Lab Sample Number:

98-06-0604-4

<u>Parameter</u>	Result	RL	<u>Qualifiers</u>	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0	•	ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	13.0	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
€: c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
4 4 4 70 11 11 11	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
C-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
<sub>gra</sub> Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	<b>REC (%)</b>	Control Limits	<u>Qualifiers</u>	
2-Chioropropane	77	60-135		
1-Chloro-3-Fluorobenzene	76	60-135		

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## alscience nvironmental aboratories, Inc.

#### **ANALYTICAL REPORT**

EPA 8021A Halogenated VOCs

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0604

QC Batch ID:

980623AS

Date Collected:

06/17/98

Matrix:

Solid

Date Received:

06/22/98

Preparation:

Date Prepared:

N/A

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/23/98

**Client Sample Number:** 

CSP3-5

Lab Sample Number:

98-06-0604-5

Parameter	<u>Result</u>	<u>RL</u>	Qualifiers	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	11.8	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	. ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0	•	ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0	•	ug/kg
Dibromochloromethane	ND	5.0	•	ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Currogator	DEC (%)	Control Limita	Ovalifiara	

Surrogates: **REC (%) Control Limits** Qualifiers 60-135 2-Chloropropane 83 78 1-Chloro-3-Fluorobenzene 60-135

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#### **ANALYTICAL REPORT**

EPA 8021A Halogenated VOCs

lient Name:

Alton Geoscience

roject ID:

Jalk Fee Property

Jork Order Number:

98-06-0604

**QC** Batch ID:

980623AS

Date Collected: 06/17/98

Matrix:

Solid

Date Received:

06/22/98

reparation:

N/A

Date Prepared:

N/A

viethod:

Date Analyzed:

06/23/98

lient Sample Number:

-Chloro-3-Fluorobenzene

**CSP1-6** 

**EPA 8021A** 

√ab Sample Number:

98-06-0604-6

<u>Parameter</u>	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
: Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
r-Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Description of the second of t	12.0	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
€ c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
F.1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
<b>Trichloroethene</b>	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
<sup>©</sup> 2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
<i>c</i> ₁Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	7.5	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
♠ Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
, 1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<b>Control Limits</b>	<b>Qualifiers</b>	
2-Chloropropane	77	60-135		
		00.405		

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60-135

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#### **ANALYTICAL REPORT**

EPA 8021A Halogenated VOCs

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0604

QC Batch ID:

980623AS

Date Collected: Date Received: 06/17/98

Matrix:

Solid

06/22/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/23/98

**Client Sample Number:** 

**CSP1-7** 

Lab Sample Number:

98-06-0604-7

<u>Parameter</u>	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	11.6	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	40.4	5.0		ug/kg
Chlorobenzene	ND .	5.0		ug/kg
Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	REC (%)	Control Limits	Qualifiers	

Surrogates: REC (%) Control Limits Qualifiers 2-Chloropropane 74 60-135 1-Chloro-3-Fluorobenzene 84 60-135

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## alscience nvironmental aboratories, Inc.

#### **ANALYTICAL REPORT**

EPA 8021A Halogenated VOCs

client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Vork Order Number:

98-06-0604

ુંC Batch ID:

980623AS

Solid

Date Collected:

06/17/98

Matrix:

Date Received:

06/22/98

reparation:

N/A

Date Prepared:

N/A

lethod:

**EPA 8021A** 

Date Analyzed:

06/23/98

lient Sample Number:

1-Chloro-3-Fluorobenzene

**CSP2-8** 

ab Sample Number:

98-06-0604-8

<u>arameter</u>	<u>Result</u>	<u>RL</u>	Qualifiers	Units
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
r-Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	12.3	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
,,1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	` ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	368	25		ug/kg
Chlorobenzene	ND	5.0		ug/kg
Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0	. *	ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	REC (%)	Control Limits	Qualifiers	
6			Samileis	
2-Chloropropane	75	60-135		

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60-135



EPA 8021A Halogenated VOCs

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0604

QC Batch ID:

980623AS

Date Collected: Date Received: 06/17/98

Matrix:

Solid

06/22/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/23/98

**Client Sample Number:** 

CSP2-9

Lab Sample Number:

98-06-0604-9

Parameter	Result	<u>RL</u>	Qualifiers	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	12.3	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		.ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	129	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	REC (%)	Control Limits	Qualifiers	•

1-Chloro-3-Fluorobenzene

2-Chloropropane

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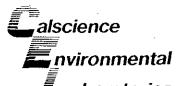
79

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60-135

60-135

FAX: (714) 894-7501



EPA 8021A Halogenated VOCs

aboratories, Inc.

lient Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Vork Order Number:

98-06-0604

QC Batch ID:

980623AS

Solid

Date Collected: Date Received: 06/17/98

Matrix:

**Date Prepared:** 

06/22/98

reparation:

N/A

N/A

lethod:

**EPA 8021A** 

Date Analyzed:

06/23/98

lient Sample Number: ab Sample Number:

2-Chloropropane

1-Chloro-3-Fluorobenzene

CSP2-10

98-06-0604-10

<u>  arameter</u>	Result .	. <u>RL</u>	Qualifiers	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
r Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	МD	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
, Methylene Chloride	12.4	• 10	•	ug/kg
-1,2-Dichloroethene	ND	5.0		ug/kg
<sup>(∴</sup> 1,1-Dichloroethane	ND	5.0		ug/kg
"c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
€31,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
<sup>©</sup> 2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
∦ t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	· ND	5.0		ug/kg
<sub>gr</sub> Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	65.4	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0	•	ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
, 1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Surrogates:	<u>REC (%)</u>	<b>Control Limits</b>	<b>Qualifiers</b>	

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60-135

60-135



EPA 8021A Halogenated VOCs

Client Name:

Alton Geoscience

Project ID:

Jalk Fee Property

Work Order Number:

98-06-0604

QC Batch ID:

980623AS

**EPA 8021A** 

Matrix:

Solid

Date Collected: Date Received: N/A

N/A N/A

Preparation: Method:

N/A

Date Prepared: Date Analyzed:

06/23/98

**Client Sample Number:** 

**Method Blank** 

Lab Sample Number:

096-02-002-151

Parameter	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
Dichlorodifluoromethane	, ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	ND	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND .	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0	•	ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
		1		

Surrogates: **REC (%) Control Limits** Qualifiers 2-Chloropropane 89 60-135 94 1-Chloro-3-Fluorobenzene 60-135

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#### ANALYTICAL REPORT

Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	06/23/98
	Date Analyzed:	06/23/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta	Method:	EPA 8310
RE: Jalk Fee Property	Page 1 of 11	

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP3-1		· .
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	80	50
Anthracene	ND	50
Fluoranthene	150	50
Pyrene	. ND	50
Benzo (a) Anthracene	. 88	50
Chrysene	ND	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	139	50
Dibenzo (a,h) Anthracene	69	50
Benzo (g,h,i) Perylene	297	50



#### ANALYTICAL REPORT

Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	06/23/98
·	Date Analyzed:	06/23/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta	Method:	EPA 8310
RE: Jalk Fee Property	Page 2 of 11	

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP3-2		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	88	50
Pyrene	ND	50
Benzo (a) Anthracene	ND	50
Chrysene	ND	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	59	50
Dibenzo (a,h) Anthracene	112	50
Benzo (g,h,i) Perylene	197	50



Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	06/23/98
	Date Analyzed:	06/23/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta	Method:	EPA 8310
RE: Jalk Fee Property	Page 3 of 11	

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP3-3		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	58	50
Phenanthrene	183	50
Anthracene	ND	50
Fluoranthene	371	50
Pyrene	ND	50
Benzo (a) Anthracene	63	50
Chrysene	. 71	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	126	50
Dibenzo (a,h) Anthracene	151	50
Benzo (g,h,i) Perylene	341	50



# ANALYTICAL REPORT

Alton Geoscience	Date Sampled:	06/47/00
	•	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	06/23/98
	Date Analyzed:	06/23/98
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Attn: Mike Pitta	Method:	EPA 8310
RE: Jalk Fee Property	Page 4 of 11	

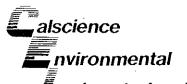
<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP3-4		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) Anthracene	ND	50
Chrysene	ND	50
Benzo (b) Fluoranthene	<b>N</b> D	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	<sub>s</sub> ND	50
Dibenzo (a,h) Anthracene	ND	50
Benzo (g,h,i) Perylene	ND	50



# **ANALYTICAL REPORT**

Date Sampled:	06/17/98
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	Date Received: Date Extracted: Date Analyzed: Work Order No.: Method:

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP3-5		that we expend
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	127	50
Phenanthrene	144	50
Anthracene	ND	50
Fluoranthene	367	50
Pyrene	ND	50
Benzo (a) Anthracene	65	50
Chrysene	65	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	157	50
Dibenzo (a,h) Anthracene	138	50
Benzo (g,h,i) Perylene	370	50



# ANALYTICAL REPORT

Alton Geoscience	Date Sampled:	06/17/98
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Attn: Mike Pitta	Method:	EPA 8310
RE: Jalk Fee Property	Page 6 of 11	

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP1-6		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	<b>50</b> .
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) Anthracene	ND	50
Chrysene	ND	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	57	50
Dibenzo (a,h) Anthracene	66	50
Benzo (g,h,i) Perylene	167	50



# **ANALYTICAL REPORT**

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<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP1-7		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) Anthracene	ND	50
Chrysene	ND ND	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	- 50
Benzo (a) Pýrene	ND	50
Indeno (1,2,3-c,d) Pyrene	ND	50
Dibenzo (a,h) Anthracene	ND	50
Benzo (g,h,i) Perylene	ND	50



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Analyte	Concentration	Reporting <u>Limit</u>
Sample Number: CSP2-8		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	114	50
Pyrene	ND	50
Benzo (a) Anthracene	85	50
Chrysene	140	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	129	50
Dibenzo (a,h) Anthracene	114	50
Benzo (g,h,i) Perylene	368	50



# ANALYTICAL REPORT

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<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP2-9		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	77	50
Pyrene	ND	50
Benzo (a) Anthracene	ND	50
Chrysene	ND	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	72	50
Dibenzo (a,h) Anthracene	58	50
Benzo (g,h,i) Perylene	219	50



#### **ANALYTICAL REPORT**

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Alton Geoscience	Date Sampled:	06/17/98
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RE: Jalk Fee Property	Page 10 of 11	. *

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: CSP2-10		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) Anthracene	ND	<b>50</b> .
Chrysene	ND	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	ND	50
Dibenzo (a,h) Anthracene	54	50
Benzo (g,h,i) Perylene	163	50



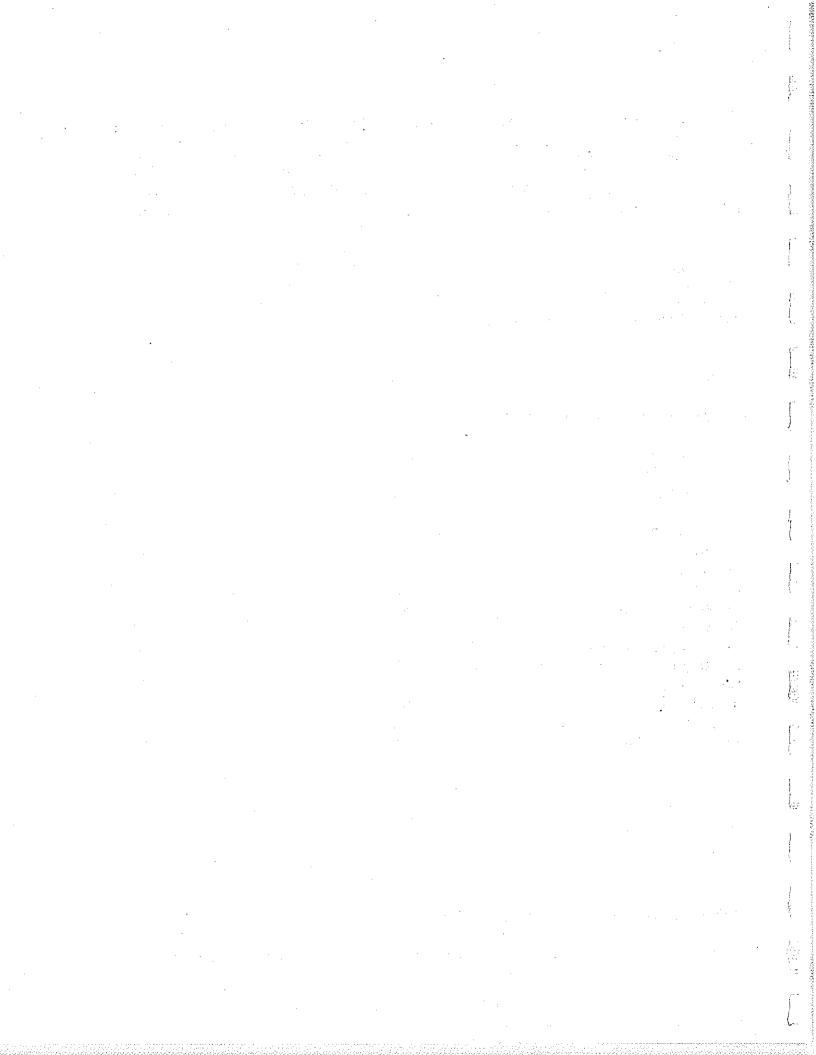
Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Extracted:	06/23/98
	Date Analyzed:	06/23/98
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All concentrations are reported in µg/kg (ppb).

<u>Analyte</u>	Concentration	Reporting <u>Limit</u>
Sample Number: Method Blank		
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) Anthracene	ND	50
Chrysene	ND	50
Benzo (b) Fluoranthene	ND	50
Benzo (k) Fluoranthene	ND	50
Benzo (a) Pyrene	ND	50
Indeno (1,2,3-c,d) Pyrene	ND	. 50
Dibenzo (a,h) Anthracene	ND	50
Benzo (g,h,i) Perylene	ND	50

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.





# **ANALYTICAL REPORT**

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Attn: Mike Pitta		

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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

<u>Analyte</u>	Method	Concentration		Reporting <u>Limit</u>
Antimony	EPA 6010A	ND		0.75
Arsenic	EPA 6010A	0.82		0.75
Barium	EPA 6010A	117	•	0.50
Beryllium	EPA 6010A	0.44		0.25
Cadmium	EPA 6010A	2.12		0.50
Chromium	EPA 6010A	21.4		0.25
Cobalt	EPA 6010A	9.56		0.25
Copper	EPA 6010A	23.5		0.25
Lead	EPA 6010A	7.35		0.50
Mercury	EPA 7471A	ND	e - *	0.25
Molybdenum	EPA 6010A	ND		0.25
Nickel	EPA 6010A	16.3		0.25
Selenium	EPA 6010A	ND		0.75
Silver	EPA 6010A	ND		0.50
Thallium	EPA 6010A	ND.		0.75
Vanadium	EPA 6010A	36.9	+ 1	0.25
Zinc	EPA 6010A	49.0		1.00



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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

			Reporting
<u>Analyte</u>	<u>Method</u>	Concentration	<u>Limit</u>
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	1.66	0.75
Barium	EPA 6010A	103	0.50
Beryllium	EPA 6010A	0.46	0.25
Cadmium	EPA 6010A	2.17	0.50
Chromium	EPA 6010A	21.3 <sup>-</sup>	0.25
Cobalt	EPA 6010A	9.58	0.25
Copper	EPA 6010A	22.2	0.25
Lead	EPA 6010A	5.36	0.50
Mercury	EPA 7471A	, ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	16.1	0.25
Selenium	EPA 6010A	. ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	38.4	0.25
Zinc	EPA 6010A	46.0	1.00

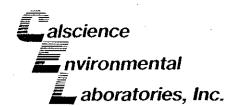


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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

			Reporting
<u>Analyte</u>	<u>Method</u>	Concentration	<u>Limit</u>
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	0.77	0.75
Barium	EPA 6010A	120	0.50
Beryllium	EPA 6010A	0.44	0.25
Cadmium	EPA 6010A	2.17	0.50
Chromium	EPA 6010A	22.7	0.25
Cobalt	EPA 6010A	10.1	0.25
Copper	EPA 6010A	29.1	0.25
Lead	EPA 6010A	9.50	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	16.6	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	38.4	0.25
Zinc	EPA 6010A	52.8	1.00



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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

			Reporting
<u>Analyte</u>	Method	Concentration	Limit
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	106	0.50
Beryllium	EPA 6010A	0.40	0.25
Cadmium	EPA 6010A	1.99	0.50
Chromium	EPA 6010A	19.2	0.25
Cobalt	EPA 6010A	9.13	0.25
Copper	EPA 6010A	24.0	0.25
Lead	EPA 6010A	10.8	0.50
Mercury	EPA 7471A	ND ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	14.3	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	35.4	0.25
Zinc	EPA 6010A	55.8	1.00



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Attn: Mike Pitta

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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

<u>Analyte</u>	<u>Method</u>	Concentration	Reporting <u>Limit</u>
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	113	0.50
Beryllium	EPA 6010A	0.43	0.25
Cadmium	EPA 6010A	2.15	0.50
Chromium	EPA 6010A	21.2	0.25
Cobalt	EPA 6010A	10.3	0.25
Copper	EPA 6010A	19.0	0.25
Lead	EPA 6010A	6.03	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	15.7	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	38.7	0.25
Zinc	EPA 6010A	50.3	1.00



## **ANALYTICAL REPORT**

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Irvine, CA 92718	Date Digested:	06/23/98
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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

<u>Analyte</u>	Method	Concentration	· . · · •	Reporting <u>Limit</u>
Antimony	EPA 6010A	ND		0.75
Arsenic	EPA 6010A	2.35		0.75
Barium	EPA 6010A	130	-	0.50
Beryllium	EPA 6010A	0.48		0.25
Cadmium	EPA 6010A	2.35		0.50
Chromium	EPA 6010A	24.7		0.25
Cobalt	EPA 6010A	10.5		0.25
Copper	EPA 6010A	25.9		0.25
Lead	EPA 6010A	6.07		0.50
Mercury	EPA 7471A	ND		0.25
Molybdenum	EPA 6010A	ND		0.25
Nickel	EPA 6010A	17.6		0.25
Selenium	EPA 6010A	ND		0.75
Silver	EPA 6010A	ND :		0.50
Thallium	EPA 6010A	ND		0.75
Vanadium	EPA 6010A	40.7	. <del>**</del>	0.25
Zinc	EPA 6010A	50.0		1.00



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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

<u>Analyte</u>	<u>Method</u>	Concentration	Reporting <u>Limit</u>
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	112	0.50
Beryllium	EPA 6010A	0.40	0.25
Cadmium	EPA 6010A	1.94	0.50
Chromium	EPA 6010A	19.9	0.25
Cobalt	EPA 6010A	8.86	0.25
Copper	EPA 6010A	19.7	0.25
Lead	EPA 6010A	9.11	0.50
Mercury	EPA 7471A	ND ·	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	14.2	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	34.0	0.25
Zinc	EPA 6010A	53.9	1.00



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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

<u>Analyte</u>	<u>Method</u>	Concentration		Reporting <u>Limit</u>
Antimony	EPA 6010A	ND	•	0.75
Arsenic	EPA 6010A	3.12		0.75
Barium	EPA 6010A	103		0.50
Beryllium	EPA 6010A	0.46		0.25
Cadmium	EPA 6010A	2.23		0.50
Chromium	EPA 6010A	20.8		0.25
Cobalt	EPA 6010A	9.53		0.25
Copper	EPA 6010A	24.0		0.25
Lead	EPA 6010A	9.52		0.50
Mercury	EPA 7471A	0.55		0.25
Molybdenum	EPA 6010A	ND		0.25
Nickel	EPA 6010A	15.3		0.25
Selenium	EPA 6010A	ND ND		0.75
Silver	EPA 6010A	ND		0.50
Thallium	EPA 6010A	ND		0.75
Vanadium	EPA 6010A	35.9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.25
Zinc	EPA 6010A	64.7		1.00



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Attn: Mike Pitta

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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

Analyte	Method	Concentration	Reporting <u>Lim</u> it
<u> zurany co</u>	<u> </u>	Concentration	LIIIII
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	92.9	0.50
Beryllium	EPA 6010A	0.37	0.25
Cadmium	EPA 6010A	1.84	0.50
Chromium	EPA 6010A	17.7	0.25
Cobalt	EPA 6010A	7.92	0.25
Copper	EPA 6010A	18.1	0.25
Lead	EPA 6010A	7.71	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	13.1	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	31.4	0.25
Zinc	EPA 6010A	46.4	1.00



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All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

			Reporting
Analyte Method		<u>Concentration</u>	<u>Limit</u>
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	5.25	0.75
Barium	EPA 6010A	304	0.50
Beryllium	EPA 6010A	0.36	0.25
Cadmium	EPA 6010A	2.19	0.50
Chromium	EPA 6010A	25.8	0.25
Cobalt	EPA 6010A	7.88	0.25
Copper	EPA 6010A	32.9	0.25
Lead	EPA 6010A	41.3	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	0.40	0.25
Nickel	EPA 6010A	17.6	0.25
Selenium	EPA 6010A	ND years	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	32.2	0.25
Zinc	EPA 6010A	104	1.00



	<u> </u>	
Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Digested:	06/23/98
	Date Analyzed:	06/24/98
	Work Order No.:	98-06-0604

Attn: Mike Pitta

RE: Jalk Fee Property Page 11 of 12

All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

# Sample Number: Method Blank

•		•	Reporting
<u>Analyte</u>	<u>Method</u>	<u>Concentration</u>	<u>Limit</u>
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	ND	
			0.75
Barium	EPA 6010A	ND .	0.50
Beryllium	EPA 6010A	ND	0.25
Cadmium	EPA 6010A	<sup>-</sup> ND	0.50
Chromium	EPA 6010A	ND	0.25
Cobalt	EPA 6010A	ND ·	0.25
Copper	EPA 6010A	ND	0.25
Lead	EPA 6010A	ND	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	ND	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND ·	0.75
Vanadium	EPA 6010A	ND	0.25
Zinc	EPA 6010A	1.12	1.00



# **QUALITY ASSURANCE SUMMARY**

Method EPA 418.1

Alton Geoscience

Work Order No.:

98-06-0604

Page 1 of 1

Date Analyzed:

06/23/98

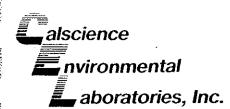
Matrix Spike/Matrix Spike Duplicate

Sample Spiked: 98-06-0599-1

<u>Analyte</u>	MS%REC	MSD%REC	Control <u>Limits</u>	%RPD	Control <u>Limits</u>
Total Recoverable Petroleum Hydrocarbons	95	100	55 - 135	5	0 - 30

**Laboratory Control Sample** 

<u>Analyte</u>	Conc. <u>Added</u>	Conc. <u>Rec.</u>	%REC	Control <u>Limits</u>
Total Recoverable Petroleum Hydrocarbons	200	190	95	70 - 130



# **QUALITY ASSURANCE SUMMARY**

Method EPA 8020A

Alton Geoscience Page 1 of 1

Work Order No.:

98-06-0604

Date Analyzed:

06/23/98

# Matrix Spike/Matrix Spike Duplicate

Sample Spiked: CSP3-2

		Control		Control
MS%REC	MSD%REC	<u>Limits</u>	<u>%RPD</u>	<u>Limits</u>
101	104	39 - 150	3	0 - 25
101	104	46 - 148	3	0 - 25
100	104	32 - 160	4	0 - 25
100	104	45 - 150	4	0 - 25
100	104	45 - 150	4	0 - 25
	101 101 100 100	101 104 101 104 100 104 100 104	MS%REC         MSD%REC         Limits           101         104         39 - 150           101         104         46 - 148           100         104         32 - 160           100         104         45 - 150	MS%REC         MSD%REC         Limits         %RPD           101         104         39 - 150         3           101         104         46 - 148         3           100         104         32 - 160         4           100         104         45 - 150         4

#### **Laboratory Control Sample**

<u>Analyte</u>	Conc. <u>Added</u>	Conc. Rec.	<u>%REC</u>	Control <u>Limits</u>
Benzene	20.0	18.4	92	39 - 150
Toluene	20.0	19.4	97	46 - 148
Ethylbenzene	20.0	20.0	100	32 - 160
m,p-Xylenes	40.0	40.2	100	45 - 150
o-Xylene	20.0	19.9	99	45 - 150

# Surrogate Recoveries (in %)

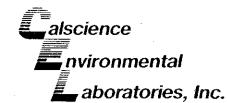
Sample Number	<u>S1</u>
CSP3-1	113
CSP3-2	112
CSP3-3	119
CSP3-4	91
CSP3-5	105
CSP1-6	104
CSP1-7	107
CSP2-8	111
CSP2-9	107
CSP2-10	107
Method Blank	112

Surrogate Compound

%REC Acceptable Limits

65 - 140

S1 > 1,4-Bromofluorobenzene



# Quality Control - Spike/Spike Duplicate

EPA 8021A Halogenated VOCs

MS/MSD Batch Number:

060604-1

Instrument:

GC 4

Matrix:

Solid

Date Extracted:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/23/98

Spiked Sample ID: CSP3-1

<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	RPD	RPD CL Qualifiers
Vinyl Chloride	90	86	28-163	5	0-25
Carbon Tetrachloride	88	83	43-143	6	0-25
1,2-Dichloropropane	. 95	90	44-156	5	0-25
Trichloroethene	92	89	35-146	3	0-25
Chlorobenzene	89	83	38-150	7	0-25
1,2-Dichlorobenzene	72	67	0-208	7	0-25

# **L**alscience

# nvironmental Quality Control - Laboratory Control Sample aboratories, Inc. EPA 8021A Halogenated VOCs

LCS Batch Number:

980623AS

Lab File ID:

JUN23R21

Matrix: Method: Solid

**EPA 8021A** 

Instrument:

GC 4

Date Analyzed: 06/23/98

LCS Sample Number:

096-02-002-151

<u>Parameter</u>	Conc Added	Conc Recovered	<u>%Rec</u>	%Rec CL	Qualifiers
Vinyl Chloride	250	236	94	28-163	
Carbon Tetrachloride	250	252	101	43-143	
1,2-Dichloropropane	250	254	101	44-156	
Trichloroethene	250	253	101	35-146	
Chlorobenzene	250	258	103	38-150	
1,2-Dichlorobenzene	250	260	104	0-208	



## **QUALITY ASSURANCE SUMMARY**

Method EPA 8310

Alton Geoscience

Page 1 of 1

Work Order No.:

98-06-0604

Date Analyzed:

06/24/98

# Matrix Spike/Matrix Spike Duplicate

Sample Spiked: CSP3-2

<u>Analyte</u>	MS%REC	MSD%REC	Control <u>Limits</u>	%RPD	Control <u>Limits</u>
Benzo (b) Fluoranthene	93	88	40 - 160	6	0 - 20
Benzo (k) Fluoranthene	134	124	40 - 160	8	0 - 20
Benzo (a) Pyrene	<b>10</b> 5	95	40 - 160	10	0 - 20
Indeno (1,2,3-c,d) Pyrene	62	56	40 - 160	10	0 - 20
Dibenzo (a,h) Anthracene	79	81	40 - 160	2	0 - 20
Benzo (g,h,i) Perylene	63	54	40 - 160	13	0 - 20

# Surrogate Recoveries (in %)

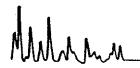
Sample Number	<u>S1</u>
CSP3-1	58
CSP3-2	44
CSP3-3	83
CSP3-4	70
CSP3-5	50
CSP1-6	84
CSP1-7	89
CSP2-8	64
CSP2-9	40
CSP2-10	58
Method Blank	97

Surrogate Compound

S1 > Decafluorobiphenyl

%REC Acceptable Limits

22 - 153





# **QUALITY ASSURANCE SUMMARY**

ICP / GF Metals (Solids)

Alton Geoscience Page 1 of 1 Work Order No.:

98-06-0604

Date Analyzed:

06/24/98

# Matrix Spike/Matrix Spike Duplicate

Sample Spiked: CSP2-8

• •			•	Control	•	Control
<u>Analyte</u>	<u>Method</u>	MS%REC	MSD%REC	<u>Limits</u>	<u>%RPD</u>	<u>Limits</u>
		41-1-4	NaAa d			
Antimony	EPA 6010A	31Note 1	32Note 1	80 - 120	1	0 - 20
Arsenic	EPA 6010A	95	97	80 - 120	2	0 - 20
Barium	EPA 6010A	117	121 Note 1	80 - 120	1	0 - 20
Beryllium	EPA 6010A	95	96	80 - 120	1	0 - 20
Cadmium	EPA 6010A	96	97	80 - 120	1	0 - 20
Chromium	EPA 6010A	96	98	80 - 120	1	0 - 20
Cobalt	EPA 6010A	96	97	80 - 120	2	0 - 20
Copper	EPA 6010A	107	109	80 - 120	1	0 - 20
Lead	EPA 6010A	98	99	80 - 120	1	0 - 20
Molybdenum	EPA 6010A	92	93	80 - 120	2	0 - 20
Nickel	EPA 6010A	98	100	80 - 120	2	0 - 20
Selenium	EPA 6010A	74Note 1	76 <sup>Note 1</sup>	80 - 120	2	0 - 20
Silver	EPA 6010A	95	96	80 - 120	1	0 - 20
Thallium	EPA 6010A	59Note 1	60Note 1	80 - 120	1	0 - 20
Vanadium	EPA 6010A	102	105	80 - 120	1	0 - 20
Zinc	EPA 6010A	89	91	80 - 120	1	0 - 20

# Matrix Spike/Matrix Spike Duplicate

Sample Spiked: CSP3-3

<u>Analyte</u>	<u>Method</u>	MS%REC	MSD%REC	Control <u>Limits</u>	<u>%RPD</u>	Control <u>Limits</u>
Mercury	EPA 7471A	109	109	50 - 130	0	0 - 20

<sup>1.</sup> The MS/MSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS was in control and, hence, the associated sample data was reported with no further corrective action required.



Alton Geoscience	Date Sampled:	06/17/98
25-A Technology Drive, Suite 200	Date Received:	06/22/98
Irvine, CA 92718	Date Digested:	06/23/98
	Date Analyzed:	06/24/98
	Work Order No.:	98-06-0604
Attn: Mike Pitta		

RE: Jalk Fee Property Page 12 of 12

All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

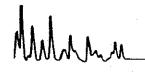
#### QA/QC

**Sample Number: Laboratory Control Sample** 

<u>Analyte</u>	<u>Method</u>	Conc. <u>Added</u>	Conc. <u>Rec.</u>	<u>%REC</u>	Control <u>Limits (%)</u>
Antimony	EPA 6010A	50.0	54.3	109	80 - 120
Barium	EPA 6010A	50.0	54.9	110	80 - 120
Selenium	EPA 6010A	50.0	48.6	97	80 - 120
Thallium	EPA 6010A	50.0	49.6	99	80 - 120

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.



# Calscience GLOSSARY OF TERMS AND QUALIFIERS Invironmental aboratories, Inc.

Work Order Number: 98-06-0604

Qualifier Definition

ND Not detected at indicated reporting limit.

CEL# 98-06-0604

			<u> </u>			27 {:			·					-			1.		· ·		: i		
All turn around (mess are be	Relinquished by: (Signature)	Relinquisted by (Signature)	Relinguished by (Signalure)	CSP2 - 5	6-1657	C591-7	9-1921	1573 -5	C523 -4	CSP3-3	CSP3.2	CS e3-1	SAMPLE ID			CHOKS	NAROUND TIME SAME DAY 24	1010 532 (616)	CITY H GENERAL	ADDRESS: " JOHN TO THE STATE OF	LABORATORY QUENT	GARDEN GROW	ZAAO LINCOLN WAY
All turnaround times are based on working hours of 6:30 a.m.	ure)		TO OT	Strategy of the Strategy of the							Samples	Company Shetpie	LOCATIONUCSCHETTON			i	HR 12 48 HR □ 72 HRS	(944) 753-0111	Cost			CVEDEN CHOKE CY SOBILITIONS	7440 LINCOLN WAY
5:80 p.m. M. E.	P		Ha Ha	(But a primary) of the contract of the							72.9	6/17kg 3011	THE	SAMPLING			☐ 5 DAYS ☐ 10 DAYS	E-MAIL:	97618	والمراجعة المراجعة ا			
تقالم	Received for Laboratory by: (Signatura)		Received by: (Signature)	A A STATE OF THE S								7	TI B H	PH (ETEX /	(8280B) (d) (o) (ARBONS (8021) (8280B)		YS	Michael	SAMPLER(S): (BKSNATURE	PROJECT CONTACT!	CUENT PROJECT NAME (NUMBER		The state of the s
ead, a) samples will be disposed of 20 days after receipt. Yellow to File, Pink to Chem	NALUCEA)	alita)		6									P E	EST DB / CAC,	/ PCBs (8081A) DBCP (504.1 o T22 METALS (80 IS METALS (80 (8910)	or 8011) 3010A)		DECLIESTED.	\ <del>-</del>   .		TO PARTY		. 0
aya ziber (oxo ey)			1000 start of 1											CH4 /	(TO-14) TGNMO (26.1) GASES (25.1  18.1 (TR.) TO THE	or D19	46)	ANALYSES		don a loop		Eage For No.	12121
		Time:	1100 /2/2	T)							· ·									ham and the factor of the second		9	

CHC OK JST Y F OH Date 6 / 72 / 57	P.O. NO.:	QUOTE NO.;	USE ONLY	d	LYSES	A	1 10 1.85)		(0X) (C) (L) (XED (	7	+										6/24/88 /5/5	Date: Time:	Date/22/88 Time:	ecelpt. 8/27/97 Revision
Date 6	CLIENT PROJECT NAME / NUMBER:	CONTACT	SAMPLER(S): (SIGNATURE)	Muhay Jas	REQUESTED ANALY	(A0	(8021B) (8021B) (94.1 or 8 04.1 or 8 ALS (6030)	(8270C) PCBs (8 PCBs (8 BCP (5 RETAI	H (9) LOCA (8) 1,00Cs (8) 1,00Cs (8) 1,00Cs (10) 1,00Cs (10) 1,00Cs (10) 1,00Cs (10) 1,00Cs (10) 1,00Cs (10) 1,00Cs (10) 1,00Cs (10)	DOV   PH   PH   PH   PH   PH   PH   PH   P	<i>Y</i> + <i>Y</i>										w: (Signature)	ly: (Signature)	for Laboratory by: (Signature)	Section of the compact will be disposed of 30 days after receipt
	ince		97618	E-MAIL:	5 DAYS   10 DAYS				SAMPLING MATRIY		J 1/05									<b>⇒</b>	Received	Received	Received	
CALCEIENCE ENFONKITALITAL	C. O. Alton Geosciene	0	STATE	FAX: FAX: E-0111 E-	□ 29 HB □ 72 HBS					LOCATION/DESCHIPTION DATE	COMPOSIL STOCKDILE	SAMPLES								3	ure)	(la)	( <del>)</del>	
CALCEIENCE E LABORAT 7440 LIN GARDEN GROV TEL: (714) 895-5494	LABORATORY CLIENT:	ADDRESS: Technology	١,	(449) 747 0101	TURNAROUND TIME	SPECIAL INSTRUCTIONS				USE SAMPLE ID	( CSP3-1	2.863.2	3 6523-3	7 CSP3 -4	(583 -4	9-1457	£-1650 £	8 -E657 8	G 6592.9	00 6572-10	Relinquished by: (Signature)	V 1 : *	Refindulshed by (Signature)	

All turnaround times are based on working hours of 8:30 a.m. - 5:30 p.m. M - F. Unless otherwise requested, all samples will be disposed of 30 days after receipt.

DISTRIBUTION: White with final report, Yellow to File, Pink to Client

-



June 13, 1998

Mike Pitta Alton Geoscience 25-A Technology Drive, Suite 200 Irvine, CA 92718

Subject:

**Calscience Work Order Number:** 

**Client Reference:** 

98-06-0364

Mobil Ja/K FEE/23-0134

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 06/12/98 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested, and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

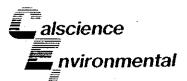
Calscience Environmental

Laboratories, Inc.

Mike Crisostomo

**Project Manager** 

William H. Christensen Deliverables Manager



aboratories, Inc.

# **ANALYTICAL REPORT**

Alton Geoscience	Date Sampled:	06/11/98
25-A Technology Drive, Suite 200	Date Received:	06/12/98
Irvine, CA 92718	Date Extracted:	06/12/98
	Date Analyzed:	06/12/98
	Work Order No.:	98-06-0364
Attn: Mike Pitta	Method:	EPA 418.1
RE: Mobil Ja/K FEE/23-0134	Page 1 of 1	

All total recoverable petroleum hydrocarbon concentrations are reported in mg/kg (ppm).

• •		Reporting
Sample Number	Concentration	<u>Limit</u>
SP3-1	298	20
SP3-2	372	20
SP3-3	140	10
SP3-4	352	20
SP3-5	333	20
SP3-6	343	20
SP3-7	382	20
SP3-8	515	40
SP3-9	280	20
SP3-10	242	20
SP3-11	242	20
SP3-12	315	20
Method Blank	ND	10

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.



# **QUALITY ASSURANCE SUMMARY**

Method EPA 418.1

Alton Geoscience

Work Order No.:

98-06-0364

Page 1 of 1

Date Analyzed:

06/11/98

Matrix Spike/Matrix Spike Duplicate

Sample Spiked: 98-06-0298-1

Analyte MS%REC MSD%REC Limits %RPD Limits

Total Recoverable Petroleum Hydrocarbons 95 95 55 - 135 0 0 - 30

# alscience nvironmental

# **ANALYTICAL REPORT**

EPA 8021A Halogenated and Aromatic VOCs

aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Nork Order Number:

98-06-0364

QC Batch ID:

980624AS

Solid

Date Collected: Date Received: 06/11/98

Matrix:

06/12/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/25/98

Client Sample Number:

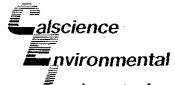
SP3-A

Lab Sample Number:

98-06-0364-13

<u>Parameter</u>	Result	<u>RL                                    </u>	<u>lifiers</u> <u>Units</u>
Dichlorodifluoromethane	ND	5.0	ug/kg
Chloromethane	ND	5.0	ug/kg
Vinyl Chloride	ND	5.0	ug/kg
Bromomethane	ND	5.0	ug/kg
Chloroethane	ND	5.0	ug/kg
Trichlorofluoromethane	ND	5.0	ug/kg
1,1-Dichloroethene	ND	5.0	ug/kg
Methylene Chloride	ND	10	ug/kg
t-1,2-Dichloroethene	ND	5.0	ug/kg
1,1-Dichloroethane	ND.	5.0	ug/kg
C-1,2-Dichloroethene	ND	5.0	ug/kg
Chloroform	ND	5.0	ug/kg -
1,2-Dichloroethane	ND	5.0	ug/kg
1,1,1-Trichloroethane	ND	5.0	ug/kg
Carbon Tetrachloride	ND	5.0	ug/kg
1,2-Dichloropropane	ND	5.0	ug/kg
Trichloroethene	ND	5.0	ug/kg
Bromodichloromethane	ND	5.0	ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0	. ug/kg
c-1,3-Dichloropropene	ND	5.0	ug/kg
c-1,3-Dichloropropene t-1,3-Dichloropropene	ND	5.0	ug/kg
1,1,2-Trichloroethane	·ND	5.0	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
Tetrachloroethene	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
<b>Bromoform</b>	ND	5.0	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg
1,3-Dichlorobenzene	ND	5.0	ug/kg
1,4-Dichlorobenzene	ND	5.0	ug/kg
1,4-Dichlorobenzene 1,2-Dichlorobenzene	ND	5.0	ug/kg
Benzene	ND	5.0	ug/kg
Toluene	ND	5.0	ug/kg
Ethylbenzene	ND	5.0	ug/kg
p/m-Xylene	ND	10	ug/kg

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501



EPA 8021A Halogenated and Aromatic VOCs

aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Work Order Number:

98-06-0364

QC Batch ID:

980624AS

Solid

Date Collected:

06/11/98

Matrix:

Date Received:

06/12/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/25/98

**Client Sample Number:** 

SP3-A

Lab Sample Number:

98-06-0364-13

<u>Parameter</u>

Result

<u>RL</u>

Qualifiers

**Units** 

o-Xylene

ND

5.0

ug/kg

Surrogates:

**REC (%)** 83

**Control Limits** 60-135

**Qualifiers** 

2-Chloropropane 1-Chloro-3-Fluorobenzene

78

60-135

Fluorobenzene

78

60-135

# <u>als</u>cience nvironmental

# **ANALYTICAL REPORT**

EPA 8021A Halogenated and Aromatic VOCs

aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Work Order Number:

98-06-0364

QC Batch ID:

980624AS

Date Collected:

06/11/98

Matrix:

Solid

Date Received:

06/12/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/25/98

Client Sample Number:

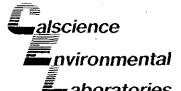
SP3-B

Lab Sample Number:

98-06-0364-14

Parameter	Result	<u>RL</u>	Qualifiers	Units
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	ND	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
g c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
😝 1,1,1-Trichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	ND	5.0	•	ug/kg
Chlorobenzene	ND	5.0		ug/kg
<b>®</b> Bromoform	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Benzene	ND	5.0		ug/kg
75. Toluene	ND	5.0		ug/kg
Ethylbenzene	ND	5.0		ug/kg
p/m-Xylene	ND	10		ug/kg

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EPA 8021A Halogenated and Aromatic VOCs

aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Work Order Number:

98-06-0364

QC Batch ID:

980624AS

Solid

**Date Collected: Date Received:** 

06/11/98

Matrix:

Date Prepared:

06/12/98

Preparation:

N/A

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/25/98

**Client Sample Number:** 

Lab Sample Number:

SP3-B

98-06-0364-14

**Parameter** 

Result

RL

Qualifiers

Units

o-Xylene

ND

5.0

ug/kg

Surrogates:

**REC (%)** 

**Control Limits** 60-135

Qualifiers

2-Chloropropane 1-Chloro-3-Fluorobenzene 74 71

60-135

Fluorobenzene

72

60-135

# alscience nvironmental

# ANALYTICAL REPORT

EPA 8021A Halogenated and Aromatic VOCs

# aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Work Order Number:

98-06-0364

QC Batch ID:

980624AS

Date Collected: Date Received: 06/11/98

Matrix:

Solid

06/12/98

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/25/98

Client Sample Number:

SP-3C

Lab Sample Number:

98-06-0364-15

Parameter	Result	<u>RL</u>	<u>Qualifiers</u>	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND.	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND.	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	ND	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
f c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
[ 1,1,1-Trichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Trichloroethene Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
c-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
F Bromoform	ND	5.0		ug/kg
Bromotorm 1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Benzene	ND	5.0		ug/kg
Toluene	ND	5.0		ug/kg
Ethylbenzene	ND	5.0		ug/kg
p/m-Xylene	ND	10		ug/kg
	_		-	

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# **ANALYTICAL REPORT**

EPA 8021A Halogenated and Aromatic VOCs

aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Work Order Number:

98-06-0364

QC Batch ID:

980624AS

**EPA 8021A** 

Matrix:

Solid

Date Collected: Date Received: 06/11/98

06/12/98

Preparation: Method:

N/A

Date Prepared: Date Analyzed: N/A 06/25/98

**Client Sample Number:** 

SP-3C

Lab Sample Number:

98-06-0364-15

Parameter

Result

RL

Qualifiers

Units

o-Xylene

ND

5.0

ug/kg

Surrogates:

**REC (%)** 

**Control Limits** 60-135

Qualifiers

2-Chloropropane 1-Chloro-3-Fluorobenzene 80 77

60-135

Fluorobenzene

80

60-135



EPA 8021A Halogenated and Aromatic VOCs

# aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Nork Order Number:

98-06-0364

QC Batch ID:

980624AS

Date Collected:

N/A

Matrix:

Solid

Date Received: Date Prepared:

N/A N/A

Preparation: Method:

N/A **EPA 8021A** 

Date Analyzed:

06/24/98

Client Sample Number:

**Method Blank** 

Lab Sample Number:

096-02-002-152

ु <sup>-</sup> arameter	Result	RL	<b>Qualifiers</b>	<u>Units</u>
Dichlorodifluoromethane	ND	5.0		ug/kg
Chloromethane	ND	5.0		ug/kg
Vinyl Chloride	ND	5.0		ug/kg
Bromomethane	ND	5.0		ug/kg
Chloroethane	ND	5.0		ug/kg
Trichlorofluoromethane	ND	5.0		ug/kg
1,1-Dichloroethene	ND	5.0		ug/kg
Methylene Chloride	ND	10		ug/kg
t-1,2-Dichloroethene	ND	5.0		ug/kg
1,1-Dichloroethane	ND	5.0		ug/kg
c-1,2-Dichloroethene	ND	5.0		ug/kg
Chloroform	ND	5.0		ug/kg
1,2-Dichloroethane	ND	5.0		ug/kg
1,1,1-Trichloroethane	ND	5.0		ug/kg
Carbon Tetrachloride	ND	5.0		ug/kg
1,2-Dichloropropane	ND	5.0		ug/kg
Trichloroethene	ND	5.0		ug/kg
Bromodichloromethane	ND	5.0		ug/kg
2-Chloroethyl Vinyl Ether	ND	5.0		ug/kg
C-1,3-Dichloropropene	ND	5.0		ug/kg
t-1,3-Dichloropropene	ND	5.0		ug/kg
1,1,2-Trichloroethane	ND	5.0		ug/kg
Dibromochloromethane	ND	5.0		ug/kg
Tetrachloroethene	ND	5.0		ug/kg
Chlorobenzene	ND	5.0		ug/kg
<b>Bromoform</b>	ND	5.0		ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0		ug/kg
1,3-Dichlorobenzene	ND	5.0		ug/kg
1,4-Dichlorobenzene	ND	5.0		ug/kg
1,2-Dichlorobenzene	ND	5.0		ug/kg
Benzene	ND	5.0		ug/kg
Toluene	ND	5.0		ug/kg
Ethylbenzene	ND	5.0		ug/kg
p/m-Xylene	ND	10		ug/kg

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EPA 8021A Halogenated and Aromatic VOCs

aboratories, Inc.

Client Name:

Alton Geoscience

Project ID:

Mobil Jalk Fee / 23-0134

Work Order Number:

98-06-0364

QC Batch ID:

980624AS

Date Collected:

N/A

Matrix:

Solid

Date Received:

N/A

Preparation:

N/A

Date Prepared:

N/A

Method:

**EPA 8021A** 

Date Analyzed:

06/24/98

**Client Sample Number:** 

**Method Blank** 

Lab Sample Number:

096-02-002-152

<u>Parameter</u>

Result

RL

Qualifiers

Units

o-Xylene

ND

5.0

**Control Limits** 

ug/kg

Surrogates:

**REC (%)** 88

60-135

Qualifiers

2-Chloropropane

92

60-135

1-Chloro-3-Fluorobenzene Fluorobenzene

91

60-135



Alton Geoscience	Date Sampled:	06/11/98
25-A Technology Drive, Suite 200	Date Received:	06/12/98
Irvine, CA 92718	Date Digested:	06/24-25/98
•	Date Analyzed:	06/25/98
	Work Order No.:	98-06-0364

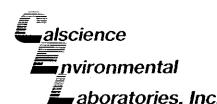
Attn: Mike Pitta

RE: Mobil Jalk Fee/23-0134 Page 1 of 5

All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

Sample Number: SP3-A

			Reporting
<u>Analyte</u>	<u>Method</u>	Concentration	<u>Limit</u>
Antimony	EPA 6010A	1.49	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	83.2	0.50
Beryllium	EPA 6010A	0.35	0.25
Cadmium	EPA 6010A	1.54	0.50
Chromium	EPA 6010A	14.9	0.25
Cobalt	EPA 6010A	6.78	0.25
Copper	EPA 6010A	16.7	0.25
Lead	EPA 6010A	11.0	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	11.0	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	. 0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	26.8	0.25
Zinc	EPA 6010A	45.6	1.00



# aboratories, Inc. ANALYTICAL REPORT

Alton Geoscience	Date Sampled:	06/11/98
25-A Technology Drive, Suite 200	Date Received:	06/12/98
Irvine, CA 92718	Date Digested:	06/24-25/98
	Date Analyzed:	06/25/98
	Work Order No.:	98-06-0364
Attn: Mike Pitta		
RE: Mobil Jalk Fee/23-0134	Page 2 of 5	

All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

# Sample Number: SP3-B

			Reporting
<u>Analyte</u>	<u>Method</u>	Concentration	Limit
Antimony	EPA 6010A	1.32	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	82.0	0.50
Beryllium	EPA 6010A	0.34	0.25
Cadmium	EPA 6010A	1.62	0.50
Chromium	EPA 6010A	15.3	0.25
Cobalt	EPA 6010A	7.26	0.25
Copper	EPA 6010A	17.8	0.25
Lead	EPA 6010A	16.2	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	11.3	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	27.3	0.25
Zinc	EPA 6010A	52.9	1.00



aboratories, Inc.

# **ANALYTICAL REPORT**

Alton Geoscience	Date Sampled:	06/11/98
25-A Technology Drive, Suite 200	Date Received:	06/12/98
Irvine, CA 92718	Date Digested:	06/24-25/98
	Date Analyzed:	06/25/98
	Work Order No.:	98-06-0364
Attn: Mike Pitta		
RE: Mobil Jalk Fee/23-0134	Page 3 of 5	

All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

# Sample Number: SP-3C

			Reporting
<u>Analyte</u>	Method	Concentration	<u>Limit</u>
Antimony	EPA 6010A	1.33	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	79.4	0.50
Beryllium	EPA 6010A	0.33	0.25
Cadmium	EPA 6010A	1.60	0.50
Chromium	EPA 6010A	14.8	0.25
Cobaft	EPA 6010A	6.88	0.25
Copper	EPA 6010A	16.2	0.25
Lead	EPA 6010A	12.4	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	10.9	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	26.6	0.25
Zinc	EPA 6010A	54.0	1.00



Alton Geoscience	Date Sampled:	06/11/98
25-A Technology Drive, Suite 200	Date Received:	06/12/98
Irvine, CA 92718	Date Digested:	06/24-25/98
	Date Analyzed:	06/25/98
	Work Order No.:	98-06-0364
Attn: Mike Pitta		

RE: Mobil Jalk Fee/23-0134 Page 4 of 5

All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

# Sample Number: Method Blank

			Reporting
<u>Analyte</u>	<u>Method</u>	Concentration	<u>Limit</u>
Antimony	EPA 6010A	ND	0.75
Arsenic	EPA 6010A	ND	0.75
Barium	EPA 6010A	ND	0.50
Beryllium	EPA 6010A	ND	0.25
Cadmium	EPA 6010A	ND	0.50
Chromium	EPA 6010A	ND	0.25
Cobalt	EPA 6010A	ND	0.25
Copper	EPA 6010A	ND	0.25
Lead	EPA 6010A	ND	0.50
Mercury	EPA 7471A	ND	0.25
Molybdenum	EPA 6010A	ND	0.25
Nickel	EPA 6010A	ND	0.25
Selenium	EPA 6010A	ND	0.75
Silver	EPA 6010A	ND	0.50
Thallium	EPA 6010A	ND	0.75
Vanadium	EPA 6010A	ND	0.25
Zinc	EPA 6010A	ND	1.00



# Quality Control - Spike/Spike Duplicate

EPA 8021A Halogenated and Aromatic VOCs

MS/MSD Batch Number:

060604-1

GC 4

Matrix:

Solid

Date Extracted: N/A

Method:

**EPA 8021A** 

Date Analyzed:

Instrument:

06/23/98

Spiked Sample ID: 98-06-0604-1

<u>Parameter</u>	MS %REC	MSD %REC	%REC CL	<u>RPD</u>	RPD CL	Qualifiers
Vinyl Chloride	90	86	28-163	5	0-25	
Carbon Tetrachloride	88	83	43-143	6	0-25	
1,2-Dichloropropane	95	90	44-156	5	0-25	
Trichloroethene	92	89	35-146	3	0-25	
Chlorobenzene	89	83	38-150	7	0-25	
1,2-Dichlorobenzene	72	67	0-208	7	0-25	

# alscience nvironmental

**Quality Control - Laboratory Control Sample** ∎aboratories, Inc. EPA 8021A Halogenated and Aromatic VOCs

LCS Batch Number:

980624AS

Lab File ID:

JUN24R07

Matrix:

Solid

Method:

**EPA 8021A** 

Instrument:

GC 4

Date Analyzed: 06/24/98

LCS Sample Number:

096-02-002-152

Parameter	Conc Added	Conc Recovered	%Rec	%Rec CL	<u>Qualifiers</u>
Vinyl Chloride	250	242	97	28-163	
Carbon Tetrachloride	250	257	103	43-143	
1,2-Dichloropropane	250	256	102	44-156	
Trichloroethene	250	258	103	35-146	9.
Chlorobenzene	250	257	103	38-150	
1,2-Dichlorobenzene	250	264	106	0-208	
Benzene	250	246	98	39-150	
Toluene	250	247	99	46-148	
Ethylbenzene	250	246	98	32-160	
p/m-Xylene	500	502	100	45-150	
o-Xylene	250	254	102	45-150	

# Calscience GLOSSARY OF TERMS AND QUALIFIERS Invironmental aboratories, Inc.

Work Order Number: 98-06-0364

Qualifier

**Definition** 

ND

Not detected at indicated reporting limit.



# **QUALITY ASSURANCE SUMMARY**

ICP / GF Metals (Solids)

Alton Geoscience

Work Order No.:

98-06-0364

Page 1 of 1

Date Analyzed:

06/20-24/98

# Matrix Spike/Matrix Spike Duplicate

Sample Spiked: 98-06-0604-8

				Control		Control
<u>Analyte</u>	. Method	MS%REC	MSD%REC	<u>Limits</u>	%RPD	<u>Limits</u>
Antimony :	EPA 6010A	31Note 1	32Note 1	80 - 120	1	0 - 20
Arsenic	EPA 6010A	95 ·	. 97	80 - 120	2	0 - 20
Barium	EPA 6010A	117	121 <sup>Note</sup> 1	80 - 120	1	0 - 20
Beryllium	EPA 6010A	95	96	80 - 120	1	0 - 20
Cadmium	EPA 6010A	96	97	80 - 120	1	0 - 20
Chromium	EPA 6010A	96	98	80 - 120	1	0 - 20
Cobalt	EPA 6010A	96	97	80 - 120	2	0 - 20
Copper	EPA 6010A	107	109	80 - 120	1	0 - 20
Lead	EPA 6010A	98	99	80 - 120	1	0 - 20
Molybdenum	EPA 6010A	92	93	80 - 120	2	0 - 20
Nickel	EPA 6010A	98	100	80 - 120	2	0 - 20
Selenium	EPA 6010A	74Note 1	76 <sup>Note</sup> 1	80 - 120	2	0 - 20
Silver	EPA 6010A	95	96	80 - 120	1	0 - 20
Thallium	EPA 6010A	59Note 1	60Note 1	80 - 120	1	0 - 20
Vanadium	EPA 6010A	102	105	80 - 120	1	0 - 20
Zinc	EPA 6010A	89	91	80 - 120	1	0 - 20

# Matrix Spike/Matrix Spike Duplicate

Sample Spiked: 98-06-0529-1

<u>Analyte</u>	Method	MS%REC	MSD%REC	Control <u>Limits</u>	%RPD	Control <u>Limits</u>
Mercury	EPA 7471A	111	114	50 - 130	3	0 - 20

<sup>1.</sup> The MS/MSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS was in control and, hence, the associated sample data was reported with no further corrective action required.



aboratories, Inc.

# **ANALYTICAL REPORT**

Alton Geoscience	Date Sampled:	06/11/98
25-A Technology Drive, Suite 200	Date Received:	06/12/98
Irvine, CA 92718	Date Digested:	06/24-25/98
	Date Analyzed:	06/25/98
	Work Order No.:	98-06-0364

Attn: Mike Pitta

RE: Mobil Jalk Fee/23-0134 Page 5 of 5

All concentrations are reported in mg/kg (ppm). Analyses for Title 22 metals were conducted on a total digestion.

### QA/QC

Sample Number: Laboratory Control Sample

<u>Analyte</u>	<u>Method</u>	Conc. <u>Added</u>	Conc. <u>Rec.</u>	%REC	Control <u>Limits (%)</u>
Antimony	EPA 6010A	50.0	53.8	108	80 - 120
Barium	EPA 6010A	50.0	54.4	109	80 - 120
Selenium	EPA 6010A	50.0	49.8	100	80 - 120
Thallium	EPA 6010A	50.0	51.6	103	80 - 120

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

# CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN	OF	CUSTODY	RECORD

Date	6/11/98			
Page	7.	of	7-	

LABC	PRATORY CLIENT:	FAX: 753-0111			·		CLI	IENT	PROJ	ECT I	NAME	/NUI	MBEF	1: 124						P.O	). NO.					
ADDF	RESS: Techno	logy Drive					PR	OJEC	T CO	FE NTAC	T:		<u>, , , , , , , , , , , , , , , , , , , </u>	137						QU	OTE	NO.:				
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	SAME DAY LA 24	HR	RS L 5 C	DAYS L	10 DA	YS	П						<u>_</u>						46)							
3,20									8				r 801	0104)	S.				r D19							
							(o) (p)	BTEX / MTBE (8021B)	HALOCARBONS (8021B)	2608)	8270C)	PEST / PCBs (8081A)	EDB / DBCP (504.1 or 8011)	2 METALS (6	ICP/MS METALS (6020)	310)	0-14)	CH4 / TGNMO (25.1)	FIXED GASES (25.1 or D1946)	H (418.1)						
LAB USE ONLY	SAMPLE ID	LOCATION/DESCRIPTION	SAM! DATE	PLING	MATRIX	NO. OF	(o) (p) (d) (o)	BTEX / 1	HALOCA	VOCs (8260B)	SV0Cs (8270C)	PEST / H	EDB / D	CAC, T2	ICP/MS	PNAs (8310)	VOCs (TO-14)	CH4 / T(	fixed G	THPH						
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# CALSCIENCE ENVIRONMENTAL LABORATORIES, INC. 7440 LINCOLN WAY GARDEN GROVE, CA 92841-1432

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8/27/97 Revision

# CHAIN OF CUSTODY RECORD

Date\_ [ ] | 49 h



P. O. Box 2243 Huntington Beach, California 92647

Toll Free: (888) 753-7553 FAX: (714) 842-2947

June 24, 1998

Mr. Michael Pitta Alton Geoscience 25A Technology Drive, Suite 100 Irvine, California 92618

Dear Mr. Pitta:

I appreciate your choice of *Baseline* to meet your analytical needs. Enclosed is the final report for your Mobil Jalk Fee project conducted June 9-11, 1998, in Santa Fe Springs, California.

If you need further assistance, please contact me at (714) 396-5467.

Thanks again, and I look forward to providing you with more analytical service.

Sincerely,

**Brian Kato** 

Bran K. Kato

Laboratory Manager, Baseline



P. O. Box 2243

Toll Free: (888) 753-7553

Huntington Beach, CA 92647 FAX:

(714) 842-2947

# **Laboratory Report**

Client

Alton Geoscience

**Client Address:** 

25A Technology Drive

Irvine, California

Report Date:

6/18/98

Lab Project Number: **Client Project Number:**  98062 23-0134-50

Project Name:

Mobil Jalk Fee

Project Address:

10607 Norwalk Boulevard

Santa Fe Springs, California

**Date Received:** Date Analyzed:

**Date Sampled:** 

6/9-11/98

6/9-11/98 6/9-11/98

**Physical State:** 

Soil

Contact:

Michael Pitta

### **Analyses Requested:**

- 1. EPA 418.1 Total Recoverable Petroleum Hydrocarbons
- 2. EPA 8010 Volatile Halogenated Hydrocarbons

On June 9 through 11, 1998, Baseline received 74 soil samples from the site shown above. Baseline analyzed all samples on-site using a mobile laboratory. A Chain-of-Custody Record is attached.

Baseline analyzed all the samples for Total Recoverable Petroleum Hydrocarbons (EPA 418.1). In addition, Baseline analyzed 42 of the samples for Volatile Halogenated Hydrocarbons (EPA 8010). In this report, Baseline presents the results and QA/QC summary for all of the above mentioned analyses.

Bran K. Kash

Approved

Brian K. Kato, Laboratory Manager



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Huntington Beach, CA 92647 FAX:

# **Laboratory Report**

**Client:** 

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**Client Address:** 

25A Technology Drive

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Report Date:

6/18/98

Lab Project Number: Client Project Number:

98062 23-0134-50

Project Name:

Mobil Jalk Fee

Project Address: 10607 Norwalk Boulevard

Santa Fe Springs, California

Contact:

Michael Pitta

Date Sampled:

6/9-11/98

**Date Received:** Date Analyzed: 6/9-11/98 6/9-11/98

**Physical State:** 

Soil

Sample ID	TRPH (418.1)	Sample ID	TRPH (418.1)
EX1-1-5.5	ND<10	EX3-6-6	ND<10
EX1-2-5.5	ND<10	EX3-7-6	ND<10
EX1-3-5.5	ND<10	EX3-8-6.5	ND<10
EX1-4-6.5	ND<10	EX3-9-6.5	85
EX2-1-5.5	73	EX3-10-6.5	ND<10
EX2-2-5.5	ND<10	EX3-11-7	ND<10
EX2-3-5.5	ND<10	EX3-12-7.5	130
EX2-4-7	120	EX3-13-7	8000
EX2-5-5.5	730	EX2-12-15	ND<10
EX3-1-5.5	ND<10	EX2-13-12.5	ND<10
EX3-2-6	ND<10	EX2-14-7	ND<10
EX3-3-5.5	280	EX2-15-5.5	ND<10
EX3-4-5.5	ND<10	EX2-16-5.5	ND<10
EX2-6-9.5	ND<10	EX2-17-5.5	ND<10
EX2-7-6	ND<10	EX1-5-5.5	ND<10
EX2-8-6	ND<10	EX1-6-5.5	ND<10
EX2-9-6.5	ND<10	EX1-7-11.5	ND<10
EX2-10-15	ND<10	EX1-8-11.5	ND<10
EX2-11-15	25000	EX1-9-11.5	ND<10
EX3-5-6	ND<10	EX1-10-11.5	ND<10



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# **Laboratory Report**

Client **Client Address:**  Alton Geoscience 25A Technology Drive

Irvine, California

**Report Date:** Lab Project Number: **Client Project Number:**  6/18/98 98062

23-0134-50

**Project Name:** 

Mobil Jalk Fee

Project Address: 10607 Norwalk Boulevard

Santa Fe Springs, California

Contact:

EX3-28-6.5 EX2-19-11

EX2-20-6

EX2-21-6

Michael Pitta

Date Sampled: **Date Received:**  6/9-11/98 6/9-11/98

Date Analyzed:

6/9-11/98

**Physical State:** 

Soil

Sample ID	TRPH (418.1)	Sample ID	TRPH (418.1)
EX2-18-11.5	ND<10	EX2-22-11	ND<10
EX3-14-10	ND<10	EX2-23-6	ND<10
EX3-15-10	ND<10	EX1-11-6	ND<10
EX3-15-10	ND<10	EX3-29-6	3600
EX3-16-10	ND<10	EX3-30-6	2200
EX3-17-10	ND<10	EX3-31-6	2300
EX3-18-10	ND<10	EX3-32-10	2400
EX3-19-11	ND<10	EX3-33-7	190
EX3-20-12	200	EX3-34-14	4400
EX3-21-12	16	EX3-35-14	19
EX3-22-7	ND<10	EX2-23-6.5	20
EX3-23-7	ND<10	EX2-24-6.5	ND<10 .
EX3-24-6.5	5600	EX2-25-6.5	1100
EX3-25-11.5	21	EX2-26-6	21
EX3-26-11.5	650		
EX3-27-12.5	ND<10		

ND: Not Detected at the indicated Practical Quantification Limit (Reporting Limit)

950

3600

5900 ND<10



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Client

Alton Geoscience

**Client Address:** 

25A Technology Drive

Irvine, California

Report Date:

6/18/98

Lab Project Number:

98062

**Client Project Number:** 

23-0134-50

Project Name:

Mobil Jalk Fee

Contact:

Project Address: 10607 Norwalk Boulevard

Santa Fe Springs, California

Michael Pitta

**Date Sampled:** 

6/9-11/98

**Date Received:** Date Analyzed: 6/9-11/98

6/9-11/98

**Physical State:** 

Soil

## Results (µg/kg)

Sample ID	EX1-1-5.5	EX1-2-5.5	EX1-3-5.5	EX1-4-6.5	EX2-1-5.5
Compound Name					
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,2 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
cis - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	200	130	61	100	16
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5



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**Client Address:** 

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Report Date:

6/18/98

**Lab Project Number:** 

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**Client Project Number:** 

23-0134-50

Project Name:

Mobil Jalk Fee

**Project Address:** 

10607 Norwalk Boulevard

Santa Fe Springs, California

Contact:

Michael Pitta

Date Sampled:

6/9-11/98

**Date Received:** 

6/9-11/98

Date Analyzed:

6/9-11/98

Physical State:

Soil

## Results (µg/kg)

Sample ID	EX2-2-5.5	EX2-3-5.5	EX2-4-7	EX2-5-5.5	EX3-1-5.5
Compound Name					
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,2 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	5.2	ND<5	ND<5
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
cis - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5.
trans - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	ND<5	300	ND<5	ND<5	ND<5
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5

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**Client:** 

Alton Geoscience

**Client Address:** 

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Irvine, California

**Report Date:** 

6/18/98

Lab Project Number: **Client Project Number:** 

98062 23-0134-50

Project Name:

Mobil Jalk Fee

Project Address: 10607 Norwalk Boulevard

**Contact:** 

Santa Fe Springs, California

Michael Pitta

**Date Sampled:** 

6/9-11/98

**Date Received:** Date Analyzed:

6/9-11/98

**Physical State:** 

6/9-11/98

Soil

### Results (µg/kg)

Sample ID	EX3-2-6	EX3-3-5.5	EX3-4-5.5	EX2-6-9.5	EX2-7-6
Compound Name					·
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans – 1,2 – Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 – Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
cis - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
1.1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5



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**Client Project Number:** 

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**Project Name:** 

Mobil Jalk Fee

Project Address: 10607 Norwalk Boulevard

Santa Fe Springs, California

**Contact:** 

Michael Pitta

Date Sampled:

6/9-11/98

**Date Received:** Date Analyzed:

6/9-11/98

**Physical State:** 

6/9-11/98 Soil

# Results (µg/kg)

Sample ID	EX2-8-6	EX2-9-6.5	EX2-10-15	EX2-11-15	EX2-12-15
Compound Name			•		·.
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	46	39	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,2 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
ais - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
trans – 1,3 – Dichloropropene	ND<5	ND<5	-ND<5	ND<5	ND<5
1,1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5 -	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5

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Alton Geoscience

**Client Address:** 

25A Technology Drive

Irvine, California

**Report Date:** 

6/18/98

**Lab Project Number: Client Project Number:**  98062 23-0134-50

**Project Name:** 

Mobil Jalk Fee

Project Address: 10607 Norwalk Boulevard

Santa Fe Springs, California

Contact:

Michael Pitta

Date Sampled:

6/9-11/98 **Date Received:** 

6/9-11/98

Date Analyzed:

6/9-11/98

**Physical State:** 

Soil

# Results (µg/kg)

Sample ID	EX2-13-12.5	EX2-14-7	EX2-15-5.5	EX2-16-5.5	EX2-17-5.5
Compound Name					
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichtoroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,2 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	17	20	23
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
cis - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	ND<5	170	430	270	350
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5



P. O. Box 2243

Toll Free: (888) 753-7553 (714) 842-2947

Huntington Beach, CA 92647 FAX:

# **Laboratory Report**

Client

Alton Geoscience

**Client Address:** 

25A Technology Drive

Irvine, California

Report Date:

6/18/98

Lab Project Number:

98062

**Client Project Number:** 

23-0134-50

**Project Name:** 

Mobil Jalk Fee

Project Address: 10607 Norwalk Boulevard

Santa Fe Springs, California

**Contact:** 

Michael Pitta

**Date Sampled:** 

6/9-11/98

**Date Received:** 

6/9-11/98

Date Analyzed:

6/9-11/98

**Physical State:** 

Soil

### Results (µg/kg)

Sample ID	EX1-5-5.5	EX1-6-5.5	EX1-7-11.5	EX1-8-11.5	EX1-9-11.5
Compound Name					
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 – Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,2 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
cis - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	120	240	9.4	150	54
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5



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# **Laboratory Report**

Client

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**Client Address:** 

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Irvine, California

Report Date:

6/18/98

**Lab Project Number:** 

98062

**Client Project Number:** 

23-0134-50

**Project Name:** 

Contact:

Mobil Jalk Fee

Project Address: 10607 Norwalk Boulevard

Santa Fe Springs, California

Michael Pitta

**Date Sampled:** 

6/9-11/98

**Date Received: Date Analyzed:** 

6/9-11/98 6/9-11/98

**Physical State:** 

Soil

Results (µg/kg)

Sample ID	EX1-10-11.5	EX2-18-11.5	EX2-19-11	EX2-20-6	EX2-21-6
Compound Name					
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	7.8	ND<5	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,2 - Dichloroethene	ND<5	ND<5	59	26	ND<5
1,1 - Dichtoroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	ND<5	6.6	10000	270	18
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
cis – 1,3 – Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	170	290	33000	300	100
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1.2 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5



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# **Laboratory Report**

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Irvine, California

Report Date:

6/18/98

**Lab Project Number:** 

98062

**Client Project Number:** 

23-0134-50

Project Name:

Mobil Jalk Fee

Project Address:

10607 Norwalk Boulevard

Santa Fe Springs, California

Date Sampled:

6/9-11/98

**Date Received:** 

6/9-11/98

Date Analyzed:

**Physical State:** 

6/9-11/98

Contact:

Michael Pitta

Soil

### Results (µg/kg)

Sample ID	EX2-22-11	EX2-23-6	EX1-11-6	EX2-23-6.5	EX2-24-6.5
Compound Name					
Dichlorodifluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
Bromomethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,2 - Dichloroethene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5	ND<5	ND<5	ND<5
Choloroform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Trichloroethene	11	37	ND<5	10	ND<5
1,2 - Dichloropropane	ND<5	ND<5	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
cis - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
trans - 1,3 - Dichloropropene	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2 - Trichloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
Tetrachloroethene	44	100	36	6.2	9.6
Dibromochloromethane	ND<5	ND<5	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
Bromoform	ND<5	ND<5	ND<5	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5	ND<5	ND<5	ND<5
1,3 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,4 - Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5
1,2 – Dichlorobenzene	ND<5	ND<5	ND<5	ND<5	ND<5

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Client:

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**Client Address:** 

25A Technology Drive

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Report Date:

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Lab Project Number:

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**Client Project Number:** 

23-0134-50

**Project Name:** 

Mobil Jalk Fee

Project Address:

10607 Norwalk Boulevard

Santa Fe Springs, California

Contact:

Michael Pitta

**Date Sampled:** 

6/9-11/98 6/9-11/98

**Date Received:** Date Analyzed:

6/9-11/98

**Physical State:** 

Soil

## Results (µg/kg)

Sample ID	EX2-25-6.5	EX2-26-6
Compound Name		
Dichlorodifluoromethane	ND<5	ND<5
Chloromethane	ND<5	ND<5
Vinyl Chloride	ND<5	ND<5
Bromomethane	ND<5	ND<5
Chloroethane	ND<5	ND<5
Trichlorofluoromethane	ND<5	ND<5
1,1 - Dichloroethene	ND<5	ND<5
Methylene Chloride	ND<5	ND<5
1,1 - Dichloroethane	ND<5	ND<5
2 - Chloroethylvinyl ether	ND<5	ND<5
Choloroform	ND<5	ND<5
1,1,1 - Trichloroethane	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5
1,2 - Dichloroethane	ND<5	ND<5
Trichloroethene	28	35
1,2 - Dichloropropane	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5
cis - 1,3 - Dichloropropene	ND<5	ND<5
trans - 1,3 - Dichloropropene	ND<5	ND<5
1,1,2 – Trichloroethane	ND<5	ND<5
Tetrachloroethene	140	680
Dibromochloromethane	ND<5	ND<5
Chlorobenzene	ND<5	ND<5
Bromoform	ND<5	ND<5
1,1,2,2 - Tetrachloroethane	ND<5	ND<5
1,3 – Dichlorobenzene	ND<5	ND<5
1,4 – Dichlorobenzene	ND<5	ND<5
1,2 - Dichlorobenzene	ND<5	ND<5



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10607 Norwalk Boulevard

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**Contact:** 

Michael Pitta

Report Date:

6/18/98

**Lab Project Number:** 

98062

**Client Project Number:** 

23-0134-50

Date Sampled:

6/9-11/98

Daté Received: Date Analyzed:

6/9-11/98

**Physical State:** 

6/9-11/98 Soil

# **Quality Control Summary**

	MS Recovery	MSD Recovery	RPD	QC
<u>Analytes</u>	<u>(%)</u>	<u>(%)</u>	<u>(%)</u>	Sample
Batch I				
TRPH (EPA 418.1)	78	75	3.9	EX-2-5.5
Volatile Halogenated Hydrocarbons (EPA	8010)			
Trichloroethene	66	80	18	EX-2-5.5
Bromodichloromethane	71	79	11	EX-2-5.5
Tetrachloroethene	67	81	19	EX-2-5.5
Chlorobenzene	69	79	14	EX-2-5.5
Batch II			·	
TRPH (EPA 418.1)	80.	80	0	EX3-1-5.5
Volatile Halogenated Hydrocarbons (EPA	8010)	-		
Trichloroethene	118	118	0	EX3-1-5.5
Bromodichloromethane	119	121	1.7	EX3-1-5.5
Tetrachloroethene	117	118	0.85	EX3-1-5.5
Chlorobenzene	115	117	1.7	EX3-1-5.5
Acceptable QC Limits:	(65-130)	(65-130)	(0-30)	

MS: Matrix Spike; MSD: Matrix Spike Duplicate; RPD: Relative Percent Difference

Baseline On-Site Analysis

P. O. Box 2243

Toff Free: (888) 753-7553

Huntington Beach, CA 92647 FAX:

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## **Laboratory Report**

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**Client Address:** 

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10607 Norwalk Boulevard

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Contact:

Michael Pitta

Date Sampled:

**Date Received:** 

Date Analyzed:

6/9-11/98 6/9-11/98

6/9-11/98

**Physical State:** 

Soil

### **Quality Control Summary**

	MS Recovery	MSD Recovery	RPD	QC
<u>Analytes</u>	<u>(%)</u>	<u>(%)</u>	<u>(%)</u>	Sample
Batch III				5*
TRPH (EPA 418.1)	77	85	9.9	EX2-8-6
Volatile Halogenated Hydrocarbons (EPA 8010	D) .			
Trichloroethene	84	71	18	EX2-8-6
Bromodichloromethane	85	107	23	EX2-8-6
Tetrachloroethene	89 🐇	81	9.9	EX2-8-6
Chlorobenzene	82	73	11	EX2-8-6
	• .			
Batch IV				
TRPH (EPA 418.1)	9Ŝ	93	2.1	EX2-9-6.5
Acceptable QC Limits:	(65-130)	(65-130)	(0-30)	

MS: Matrix Spike; MSD: Matrix Spike Duplicate; RPD: Relative Percent Difference

		Project Name	Mobil laik Fee	v			> j	; ;		2	۲.		CHAIN-OF-	CHAIN-OF-CUSTODY-RECORD
Alton Geoscierice		Project Address	ADDOT NOW BING	T Divisi	(1)				0A)	(0)		rs		Page 1 of 6
CONTROL OF CHARLES				-			HT)		(802	(82	<u> </u>	ain		
Irvine, California 92618			Santa Fe Spri	Santa Fe Springs, California	- 000		(LU		BE (	/MS		ont		Droiect #: 08060
Phone: (714) 753-0101; FAX: 753-0111		Praject Number				Vater asoli	iesel		h MT	/ GC/		of C	Laborato	_abbratory Froject #: <u>90002</u>
Michael Pitta		PO Number (if applicable)	ab(e)		٠		l as E	H (4				nbei		
Sample ID	Sample Location	Location	Date	Time	<u> </u>	1	TPI	-	801	<del> </del>		Nu	Comment	Comments/Special Instructions
EX1-1-5.5			9-Jun-98	7:15 AM		S		×		×	1			
EX1-2-5.5			9-Jun-98	7:15 AM	1_	<u> </u>		×	-	×				
EX1-3-5.5			9-Jun-98	7:45 AM	<u> </u>	S		×		×				
EX1-4-6.5			9-Jun-98	7:45 AM		S		×		×		1_		
EX2-1-5.5			9-Jun-98	7:45 AM	<u></u>	ဟ		×	-	×	1	_		
EX2-2-5.5			9-Jun-98	7:45 AM		S		×		×	+-	_		
EX2-3-5.5			9-Jun-98	7:45 AM		S	+-	×	_	×	+			
EX2-4-7			9-Jun-98	7:45 AM		S		×		×	+			
EX2-5-5.5			9-Jun-98	7:45 AM		S	1	×		×	-			A STATE OF THE PARTY OF THE PAR
EX3-1-5.5			9-Jun-98	8:15 AM		ဟ		×				_		
EX3-2-6			9-Jun-98	8:15 AM		S	$\dagger$	×	-	-	+			
EX3-3-5.5			9-Jun-98	8:15 AM	<u> </u>	S	$\dagger$	×	-	-	+			
EX3-4-6.5			9-Jun-98	8:15 AM		<u> </u>		×	-					
EX2-6-9.5			9-Jun-98	9:30 AM		S	+	×	-		+			A STATE OF THE STA
EX2-7-6			9-Jun-98	9:30 AM		S	1		4	$\vdash$				
Turnaround Request (circle one):	lmm		48hr	72-96hr No	Normal		Viviopile	1-	ab		ļ	Officer.		
Sample Condition: Chilled?	۲ / Z	1	N Comments:		Z)	elinqui	Relinquished by:			1		١	Relinquished by:	ву:
chron	C. Carrier	Company:				Company:	7						Company:	
Date/Time: 9 Tues & 9%		Date/Time:				Date/.ime	ē						Received:	
Received: Bring Kath		Received:			2 2	Zecelved							Company:	
Company: RASELINE		Company:				Date/Time:	-						Date/Time:	
Detections.	\ \frac{1}{1}	Date/11me:			_	***************************************							_	

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Service of the servic

A Company

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No. of Concession, Name of Street, or other Persons, Name of Street, or ot

( Company

Name of the last

CHAIN-OF-CUSTODY-RECORD



Date/Time:

Huntington Beach, California 92647 P. O. Box 2243

> Phone: FAX: (714) 396-5467 (714) 842-2947

Spanish Company of the Company of th

Alton Geoscience		Project Name	Mobil Jalk Fe	e			/	Analy:	sis R	eque	sted			CHAIN-OF-CUSTODY-RECORD
25A Technology Drive, St	uite 100	Project Address	10607 Norwa	alk Blvd.		Air (A)	E,		(A02)		(092		ers	Page 2 of 6
Irvine, California 92618			Santa Fe Spr	rings, Californ	nia	(%).			E (80		15 (8)		ntain	
Phone: (714) 753-0101; FAX:	753-0111	Project Number				ater (	Gasoline (LUFT)	Diesel (LUFT)	MTB		OC/N		of Co	Laboratory Project #: 98062
Michael Pitta		PO Number (if applic	cable)			(S), W	as Ga	as Die	BTEX with MTBE (8020A)		MTBE BY GC/MS (8260)		Number of Containers	
Sample ID	Sample	Location	Date	Time	Lab ID	Soil (	TPH as	TPH as Diesel		8010	MTB		Num	Comments/Special Instructions
EX2-8-6			9-Jun-98	9;30AM		s		<u> </u>	4	X			1	
EX2-9-6.5			9-Jun-98	9:57AM		s		_   >	<u> </u>	X	ļļ	_	1	
EX2-10-15			9-Jun-98	9;57AM		s		<u> </u>		X	-		1	
EX2-11-15			9-Jun-98	9:57AM		s		<u> </u>	(	X			1	
EX3-5-6			9-Jun-98	12:40 AM		s		X				_ _	1	
EX3-6-6			9-Jun-98	12:40 AM		s		<u> </u>					1	
EX3-7-6			9-Jun-98	12:40 AM		s		X					1	
EX3-8-6.5			9-Jun-98	13:00 AM		s		X					1	
EX3-9-6.5			9-Jun-98	13:15 AM		s		<u> </u> ×		<u> </u>			1	
EX3-10-6.5			9-Jun-98	14:10 AM		s		X					1	
EX3-11-7			9-Jun-98	14:30 AM		s		X		<u> </u>			1	
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P. O. Box 2243
Huntington Beach, California 92647
FAX: (714) 396-5467

## Remedial Excavation/Site Closure Report Mobil Jalk Fee Property October 14, 1998

# APPENDIX B

COMPACTION REPORT



June 29, 1998

. To:

Alton Geoscience

9635 Santa Fe Springs Road

Santa Fe Springs, California 90670

Attention:

Mr. Alan Lopez

Subject:

Compaction Report for Excavation Backfill

10607 Norwalk Blvd, Santa Fe Springs, CA

At your request, we have completed geotechnical observation and testing during backfilling of excavations at the subject site. Our service was performed on a full-time basis during backfilling operation. The work commenced from June 18 through June 25, 1998

#### Site Description

The site is located on the West Side of Norwalk Blvd, between Florence Ave and Telegraph Rd, in the city of Santa Fe Springs, California. It is relatively flat in topography and vacant at the time of our investigation. It is our understanding that the site was previously occupied by an oil pumping field which has been recently demolished. There were three excavations on the subject site and the locations of the excavations are shown on the attached figure. Upon our first visit, the excavations have been started and nearly completed. The dimensions of each excavation are approximately described as follow:

•	Excavation #1	78' long x 14' wide x 14' deep
•	Excavation #2	28' long x 13' wide x 10' deep
•	Excavation #3	95' long x 40' wide x 11.5' deep

A plot plan of the excavations is shown on Figure 1

#### **Backfilling Operation and Field Testing**

Prior to backfilling, the bottoms of the excavations were inspected and approved by our field representative. Imported soil was then placed in thin, loose lifts, moisture-conditioned, as necessary with water hose and compacted using loader and excavator. The criterion used for level of compaction was 90 percent of the maximum density as determined by ASTM D 1557-91. Field density tests were performed using sandcone apparatus in accordance with ASTM D 1556. Field density test results are presented in Table 1.

#### **Laboratory Testing**

The representative bulk samples of backfill soils were collected from the site and delivered to our laboratory for maximum density testing. Maximum density tests were performed in accordance with ASTM D 1557. The compaction curves are presented on Figure 1, 2 and 3, respectively.

#### Conclusions

The backfill operation has been performed in accordance with geotechnical engineering practice and standards. Field density test results show that the compaction of backfill met the minimum 90 percent relative compaction. Therefore, it is acceptable per a geotechnical standpoint.

We appreciate the opportunity to be of service to you. Should you have any questions, please call this office at your convenience.

Respectfully submitted,

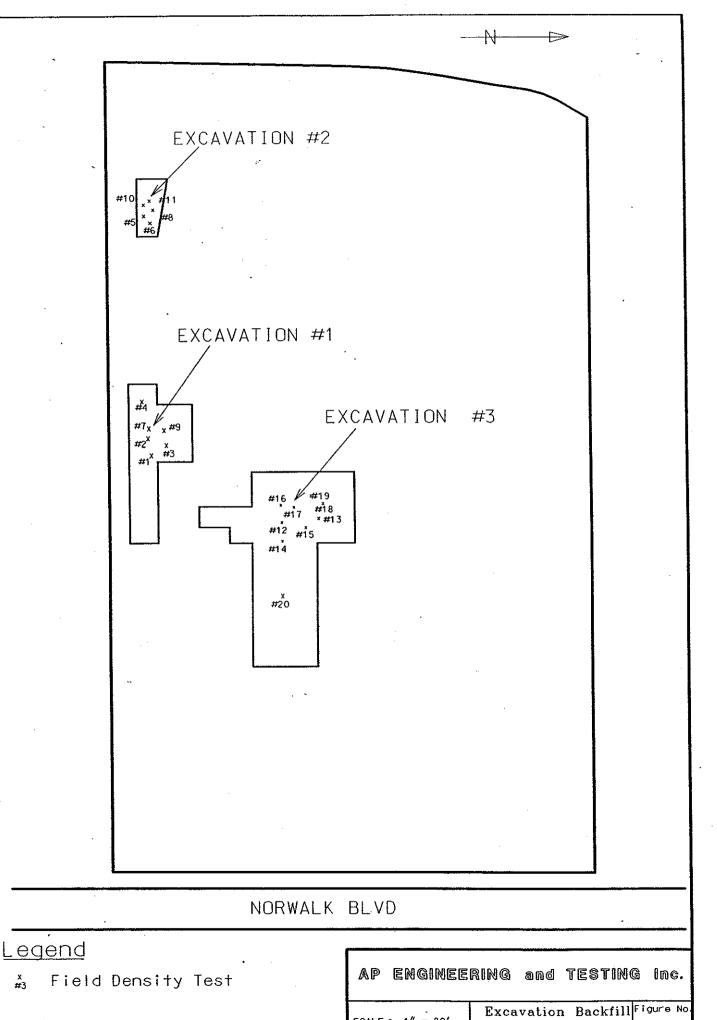
Apichart Phukunhaphan, P.E., G.E. Registered Geotechnical Engineer

Attachments: Figure 1: Plot Plan of Excavations

Figure 2: Laboratory Compaction Curve (Imported Soils #1) Figure 3: Laboratory Compaction Curve (Imported Soils #2) Figure 4: Laboratory Compaction Curve (Native Material)

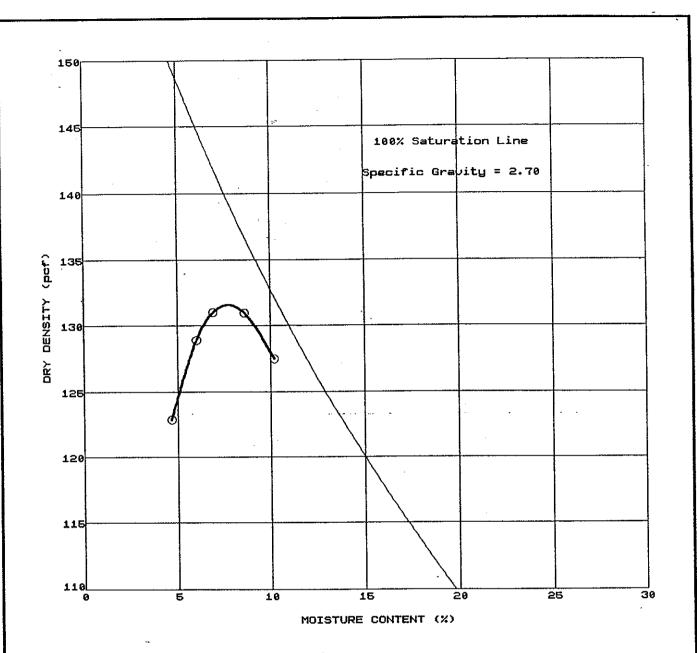
Table 1: Field Density Test Results

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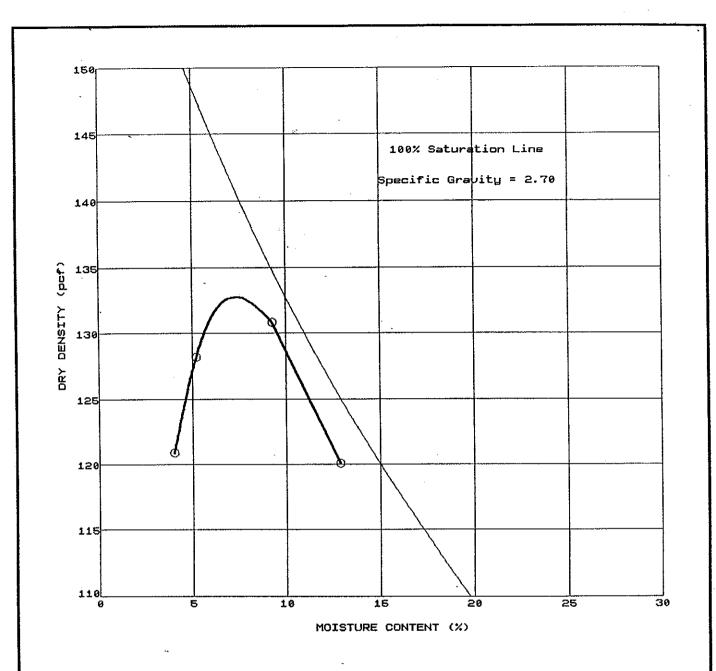
Symbol	Sample Identification	Soil Description	Optimum Moisture (%)	Maximum Dry Density (pcf)
0	Import #1	Brn Clayey Sand w/ Gravels	7.7	131.9

MAXIMUM DENSITY TEST
ASTM D 1557

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Project Name Santa Fe Springs

Date <u>6/16/98</u> Figure No. 2

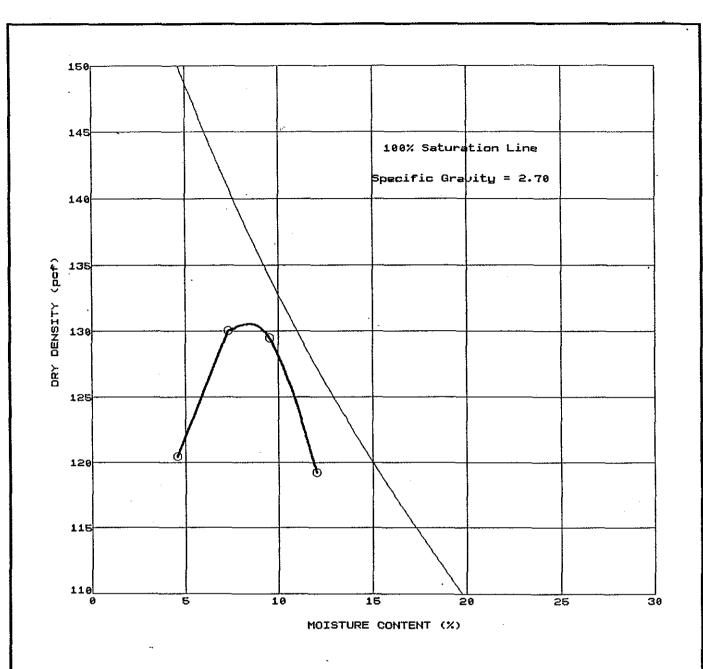


Symbol	Sample Identification	Soil Description	Optimum Moisture (%)	Maximum Dry Density (pcf)
0	Import #2	Gray Brown Gravelly Silty Sand	7.6	133.0
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MAXIMUM DENSITY TEST ASTM D 1557

Project Name Santa Fe Springs

Date 6/16/98 Figure No. 3



Symbol	Sample Identification	Soil Description	Optimum Moisture (%)	Maximum Dry Density (pcf)
0	Native Material	Brown Silty Sand	8.0	131.0

MAXIMUM DENSITY TEST **ASTM D 1557** 

Project No.

Project Name Santa Fe Springs

6/16/98 Date

Figure No. 4

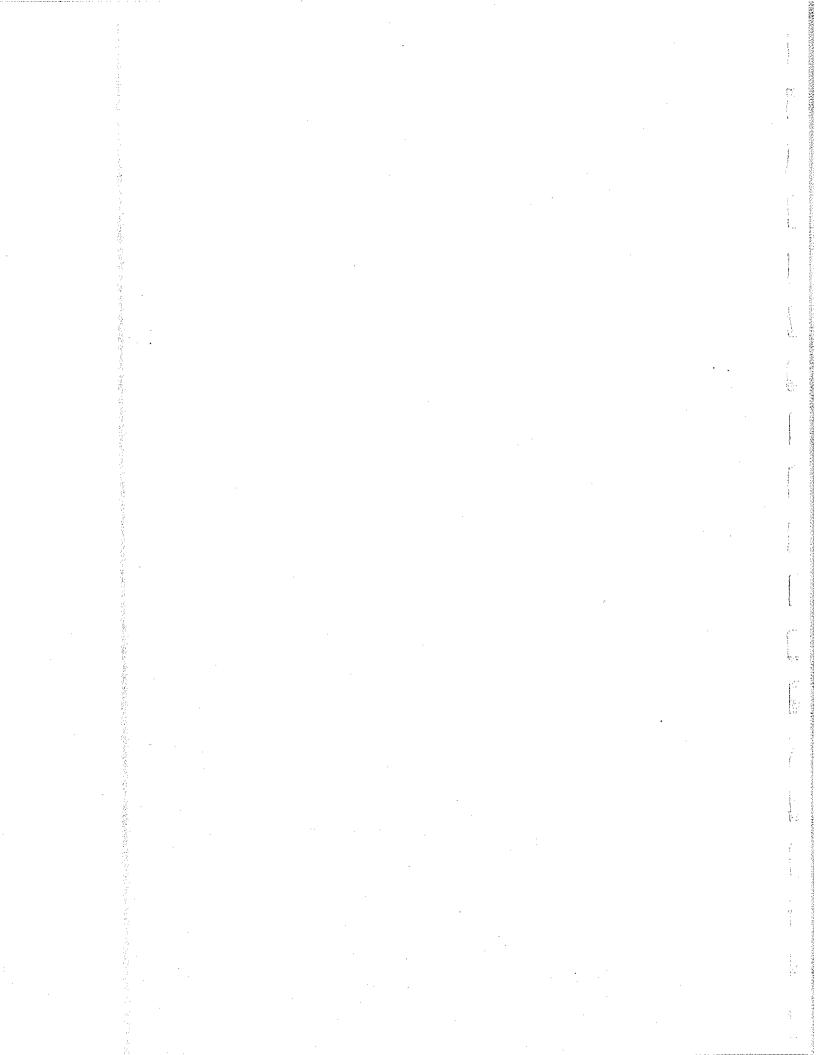
TABLE 1: SUMMARY OF FIELD DENSITY TEST RESULTS

Test No.	Test Date	Test Location	Soil	Elevation or Depth	Dry Density	Moisture Content	Relative
170.			Туре	or pehar	(pcf)	(%)	Compaction (%)
1	6-18-98	Center of Excavation #1	Clayey Sand	-14.0 ft F.G.	120.6	9.4	91
2	6-18-98	Center of Excavation #1	Clayey Sand	-11.0 ft F.G.	119.0	8.6	90
3	6-18-98	Center of Excavation #1	Clayey Sand	-9.0 ft F.G.	131.4	8.3	99
4	6-19-98	West side of Excavation #1	Clayey Sand	-5.0 ft F.G.	128.3	7.0	97
5	6-19-98	Center of Excavation #2	Silty Sand	-9.0 ft F.G.	121.5	8.9	92
6	6-19-98	Center of Excavation #2	Clayey Sand	-7.0 ft F.G.	121.0	6.6	92
7	6-19-98	Center of Excavation #1	Clayey Sand	-3.0 ft F.G.	121.2	4.6	92
8	6-19-98	Center of Excavation #2	Clayey Sand	-5.0 ft F.G.	122.7	7.7	93
9	6-19-98	Center of Excavation #1	Clayey Sand	-1.0 ft F.G.	121.7	5.4	92
10	6-22-98	Center of Excavation #2	Gravelly Sand	-3.0 ft F.G.	131.6	5.4	99
11	6-22-98	Center of Excavation #2	Gravelly Sand	-1.0 ft F.G.	131.6	5.4	99
12	6-22-98	Center of Excavation #3	Gravelly Sand	-11.5 ft F.G.	120.6	6.5	91
13	6-22-98	Center of Excavation #3	Gravelly Sand	-9.5 ft F.G.	131.1	3.2	99
14	6-22-98	Center of Excavation #3	Gravelly Sand	-7.5 ft F.G.	124.3	5.6	94
15	6-23-98	Center of Excavation #3	Gravelly Sand	-5.5 ft F.G.	128.0	5.4	96
16	6-23-98	Center of Excavation #3	Gravelly Sand	-3.5 ft F.G.	129.2	4.0	97
17	6-23-98	Center of Excavation #3	Gravelly Sand	-2.0 ft F.G.	128.8	4.0	97
18	6-24-98	Center of Excavation #3	Gravelly Sand	-1.5 ft F.G.	128.5	5.4	97
19	6-24-98	Center of Excavation #3	Gravelly Sand	-1.5 ft F.G.	124.5	5.4	94
20	6-25-98	East side of Excavation #3	Gravelly	F.G.	121.9	3.8	92

## Remedial Excavation/Site Closure Report Mobil Jalk Fee Property October 14, 1998

APPENDIX C

**MANIFESTS** 



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15.42		Sand 3 Organic 3 Clay 3 Other 3	0 - 10%	Gas C Diesel C					•••			2411
Participan (	-	List any exception to items listed	20% - over □ above:	Other C				3070s	·	<u> </u>		
	ŀ	Generator's and/or consu	ltaut's anti-Gostion	I/IAIa aantii t	at the co	il reference		· · · · · · · · · · · · · · · · · · ·		those soils desc	rihed in the	Soil Data
100 m	١	Sheet completed and certi	ified by me/us for the	: Generation S	ite show	n above an	l nothing	has been add	led or do	ne to such soil	that would	alter it in
	I⊩	any way.	Generator 🔾	Consultan	1	Signature a	nd date:	,		<del></del>	, Month	Day Year
No.	1	Print or Type Name:	Ditter		l	Mu	Much			ter M	041 Z	22 98
1	5	Transporter's certification condition as when receive	n: Ì/We acknowledg	e receipt of th	e soil des	scribed abo	pe and cer u tremmo	rtify that suc arted from the	h soil is e Gener	being delivere ation Site to th	ed in exactly ie Designatei	the same I Facility
1	3	without off-loading, addi	ng to, subtracting fr	om or in any 1	vay delay	ing delive	y to such	site.	Concr			
	4J B	Print or Type Name:	1/1/2/20	1		Signature a		1			Mopuh	Day Year 22 58
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i Carrie	2	Recycling Facility certifies	the receipt of the soil	covered by this	manifest				<del>-,-</del>			
	Recycling	Print or Type Name: D. Bartlett/	D. BENTON			Signature	crate:	7/22	190	/		

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1 T	Consultant's Name and Billin	3			Consulta	ant's Phor	ne #:					
7 4 2			CTE COO		Person t	o Contact	<u> </u>			•		
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enerator	Adelanto, CA		U	SA			-8004		Transporter's US EPA ID No.: CAD009657545			
g	Transporter Name and Mail W. A. WOODS I	• •				orter's Ph	one #: 27-136	7				
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	Description of Soil	Moisture Content	Contaminated by:	Appro	x. Qty:	Desc	ription of Del	ivery	Gross Weight	Tare Weight	Net Weight	
	Sand I Organic II Clay II Other II	0 - 10%	Gas 🖸 Diesel 🖸 Other 🖸				,		80340	3/520	48820	
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	List any exception to items liste	d above:	Other 🔾				<u> </u>	7,0		<u> </u>	1	
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	Generator's and/or cons Sheet completed and cer	ultant's certification: tified hy melys for the	I/We certify that the Generation Site s	he soil re hown ah	eferenced nove and	herein i nothinα	s taken entir has been ad	ely from ded or d	those soils desc one to such soil	ribed in the that would	Soil Data alter it in	
	any way.					ŭ				-	7/22/4)	
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3 <b>L</b>	Michael 1	1119	ľ			W/4	w/ // -		Acent )	som moss		
j	Transporter's certification condition as when recei	on: I/We acknowledg	e receipt of the soi	l descrit ic beino	ed above directly	e and ce transno	rtify that su orted from th	ch soil i se Gener	s being delivere ration Site to th	d in exactly 1e Designate	the same d Facilitu	
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3	Discrepancies:					′				•	•	
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	Recycling Facility certifie	es the receipt of the soil	ifest exs	pt as not	ed above	<del>-</del>						
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	D. Bartlett	/D. BENTON		1			7/1,	19	0		,	
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	Generator's Name and Billing A	•			Generat				Generator's US	EPA ID No.	
1 1	MOBIL OIL CORP			·	-		12-1857	7			
	3700 W. 190TH.	STREET -	TPT2		Person	o Conta	ct:				<b>+</b>
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1 1	Consultant's Name and Billing / ALTON GEOSCIEN				Consult	ant's Ph	one #:				
	25 A TECHNOLOG		STE. 20	00	Person	o Conta	ct:				
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્રં	TPS TECHNOLOG	IES INC.			-		2-8001				
and	12328 HIBISCUS	S AVE.				to Conta <b>REN</b>	rct: R. BAR'	TLET	T		
Generator and/or	Adelanto, CA 9	92301		USA	FAX#:	-246	5-8004				
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Ğ	W.A. WOODS IN						927-136	7	1 '	965754	1
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	Description of Soil	Moisture Content	Contaminated	- 1	rox. Qty:	Des	cription of Del	ivery	Gross Weight		_
1	Sand I Organic I Clay I Other I	0 - 10% □ 10 - 20% □ 20% - over □	Gas 🖸 Diesel 🖸 Other 🖸						81860	<i>3090</i> D	50960
	Sand 🖸 Organic 🖸 Clay 🖰 Other 🖸	0 - 10%	Gas 🗅 Diesel 🗅 Other 🗅								ZS:48
	List any exception to items listed ab	~~~~~					30710				
	Generator's and/or consulta Sheet completed and certific any zvay.										
	Print or type Name: WBBU		Consultant	1	Signature a	ILLA			MOBIL	Month (	22 98
Transporter	Transporter's certification: condition as when received without off-loading, adding	l. I/We further cei	rtify that this :	soil is bein	g directly	transp	orted from th	ch soil is se Gener	s being delivere ation Site to th	ed in exactly ne Designated	the same 1 Facility
Trans	Print or Type Name:		ch/ps	7	Signature an					Month 7	Day Year 22 9
À	Discrepancies										
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Recycling	Print or Type Name:  D. Bartlett/D	. BENTON			Signature ar	d date:	18	<u> </u>	14	Z 7.2-	-99

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Date of Shipment,	Responsible for P		ransporter			Facility #:	Giv	en by TPS:		Load #
7/22/98	Generato		515	7		A07	i	<b>0</b> 998		010
Generator's Name and Billing	Address:			Ceneral	or's Phone	<u> </u>		Generator's US	FPA ID No	O P O
MOBIL OIL CO						 2-185:	7			
3700 W. 190TE		TPT2	ĺ		to Contact:	<u>_</u> _		•	<del></del>	· · · · · · · · ·
3,00 2301.			l							
TORRANCE, CA	90509-2929	9 u	SA	FAX#:				Customer Accord 100036		rith TPS:
Consultant's Name and Billir	· ·			Consul	ant's Phone	: #:				
ALTON GEOSCII										·
25 A TECHNOL	OGY DRIVE,	STE. 200	)	Person	to Contact:		:			
				FAX#:				Customer Acco	unt Number v	vith TPS:
IRVINE, CA 9	2718	U	isa i					100186	55	
Generation Site (Transport fr	om): (name & address)		<u></u> -	Site Ph	one #:			втех		
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10607 NORWAL				1	to Contact:			TPH Levels		
Santa Fe St				STE FAX#:	VE PA	00		AVG.		
Vanta Per	shings	1	JSA	PAA#:				Levels		
Designated Facility (Transpo	et to): (name & address)			Facility	Phone #:			Facility Permit	Numbers	
TPS TECHNOLO				, ,	-862-	8001				
12328 HIBISC					to Contact:					
12326 RIBISC	CO AVE.				REN R	BAR	TLET	<u>r</u>		
A	00001	,	JSA	FAX#:		0004				
Adelanto, CA Transporter Name and Mail			JOA		0-246- orter's Pho			Transporter's U	JS EPA ID No.	
W.A. WOODS I	**			, .		7-136	7	i :	965754	
10120 W. FRO					to Contact:			Transporter's I		
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SOUTH GATE,	CA 90280		USA.	FAX#:	.0) 80	06-185	9	Customer Acco 10002		with IPS:
Description of Soil	Moisture Content	Contaminated b	y: Appro	x. Qty:	Descri	ption of Del	ivery	Gross Weight	Tare Weight	Net Weigh
Sand	0 - 10%	Gas Q Diesel Q Other Q						78860	29640	49221
Sand 🗆 Organic 🗅	0 - 10% 🖸	Gas Q					•			741
Clay 🔾 Other 🗅	10 - 20% ☐ 20% - over ☐	Diesel 🗅 Other 🗅								27.61
List any exception to items listed	l above:					30714	-			
Generator's and/or const Sheet completed and cert any way.	ified by me/us for the				l nothing h	ias been add	ded or do	one to such soil	that would	alter it in
Print or Type Name:  Mike P. H.	Generator D	Consultant _	Sign	gnature ar	d date:	2,44	Age	nt for n	Month 7	Day Year
Transporter's certification condition as when received without off-loading, add	m: I/We acknowledg ved. I/We further ce	rtify that this soi	il is being	directl	e and cert y transpor	tify that su ted from th	ch soil is	s being delivere	ed in exactly	the same
Print or Type Mame	1		Si	ignature at	nd date:	<u> </u>			Month	Day Yea
1000	ay!	***··			<u> 7                                   </u>	7 6				
Discrepancies:				6						
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Recycling Facility certifie	s the receipt of the soil	covered by this ma	mifest exce	ept as no	ted above;		<del></del>			
Recycling Facility certifie Print or Type Name: D. Bartlett			Si	ignature a	nd date:	771	<i>'</i>	Taci		
D. Bartlett.	D. BENTON				SY	11	22	198		

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Oate of Shipment:	Responsible for P			ous Soils	,			CHARLES AND THE CONTRACT OF TH		
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Generator's Name and Billing Ac				Generator				Generator's US	EPA ID No.	
MOBIL OIL CORP				<b></b>		2-1857	7			
3700 W. 190TH.	STREET -	TPT2		Person to	Contact:		:			•
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25 A TECHNOLOG	Y DRIVE,	STE. 200	Ø	Person to	Contact:					
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Sa to Casa	A. # 60			FAX#:	· A	<del></del>		AVG.		
Jama + e of	nenge	1	USA					Levels		
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	. <del></del>				LEN K	. DAK	1111	1		
Adelanto, CA S	92301		USA		246-	8004				
· ·		Transporter's Phone #:				Transporter's US EPA ID No.:				
W.A. WOODS IND	DUSTRIES			(310) 927-1367 Person to Confact:			7	CAD009657545		
10120 W. FRONT	TAGE ROAD			Person to Contact:				· ·		
				RON BENSON FAX#:				1958	at Niumber	with TPS-
	A 90280		USA	(310) 806-1859			9	100023	38	·
			by: Appro	ox. Qty:	Descrip	ption of Del	ivery	Gross Weight	Tare Weight	Net Weig
Sand 🖸 Organic 🔾 Clay 🖸 Other 🖸	10 - 20% 🖸 20% - over 🔾	Diesel 🗅 Other 🗅						78020	31820	4620
Sand ① Organic ② · Clay ② Other ②	10 - 20%	Diesel 🔾		1						23.10
List any exception to items listed abo						3.	0717	-		· · · · · · · · · · · · · · · · · · ·
Print or Type Name: Mike 274	Generator 🔾	Consultant	X Si	ignature and o	date:	200	Ac es	of G M	1 1	Day Ye
Transporter's certification: condition as when received.	. I/We further cer	rtify that this so	oil is being	directly t	transport	ted from th	ch Goil is	being delivere	d in exactly	
Print or Type Name:	(, , , , ,				/ //	1117	-		Month	Day   5°
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			(	<u> </u>	1					
	e receipt of the soil o	covered by this m		7				<i></i>		
Print or Type Name:  D. Bartlett/D	. BENTON		S	ingnature and	dat 1	7/2	2/	78		
	Consultant's Name and Billing ALTON GEOSCIEN 25 A TECHNOLOGI IRVINE, CA 927 Generation Site (Transport from MOBIL OIL PROD 10607 NORWALK Coutage Special Street From Site (Transport to TPS TECHNOLOGI 12328 HIBISCUS Adelanto, CA Stransporter Name and Mailing W. A. WOODS INI 10120 W. FRON SOUTH GATE, C. Description of Soil Sand Organic Clay Other Clay O	Consultant's Name and Billing Address:  ALTON GEOSCIENCE  25 A TECHNOLOGY DRIVE,  IRVINE, CA 92718  Generation Site (Transport from): (name & address)  MOBIL OIL PRODUCTION FOR STAND STA	Enosultant's Name and Billing Address:  ALTON GEOSCIENCE  25 A TECHNOLOGY DRIVE, STE. 20  IRVINE, CA 92718  Generation Site (Transport from): (name & address)  MOBIL OIL PRODUCTION FIELD  10607 NORWALK BLVD  Designated Facility (Transport to): (name & address)  TPS TECHNOLOGIES INC.  12328 HIBISCUS AVE.  Adelanto, CA 92301  Transporter Name and Mailing Address:  W. A. WOODS INDUSTRIES  10120 W. FRONTAGE ROAD  SOUTH GATE, CA 90280  Description of Soil Moisture Content Contaminated  Sand Organic O-10% Gas Diesel  Clay Other 20% over Other  Sand Organic O-10% Gas Diesel  Clay Other 20% over Other  List any exception to items listed above:  List any exception to items listed above:  Generator's and/or consultant's certification: I/We certify that Sheet completed and certified by me/us for the Generation Sitany way.  Print or Type Name: Generator Consultant  Transporter's certification: I/We acknowledge receipt of the condition as when received. I/We further certify that this so without off-loading, adding to, subtracting from or in any way  Print or Type Name: Generator Consultant  Transporter's certification: I/We acknowledge receipt of the condition as when received. I/We further certify that this so without off-loading, adding to, subtracting from or in any way  Print or Type Name: Generator Type Name:  Charactery of the soil covered by this me Print or Type Name:  Charactery of the soil covered by this me Print or Type Name:	ALTON GEOSCIENCE  25 A TECHNOLOGY DRIVE, STE. 200  IRVINE, CA 92718  USA  Generation Site (Transport from): (name & address)  MOBIL OIL PRODUCTION FIELD  10607 NORWALK BLVD  Santa Fe Spring  USA  Designated Facility (Transport to): (name & address)  TPS TECHNOLOGIES INC.  12328 HIBISCUS AVE.  AGELANTO, CA 92301  Transporter Name and Mailing Address:  W. A. WOODS INDUSTRIES  10120 W. FRONTAGE ROAD  SOUTH GATE, CA 90280  USA  Description of Soil Moisture Content Contaminated by: Appropriate Clay Other	TORRANCE, CA 90509-2929  JSA  Consultant's Name and Billing Address: ALTON GEOSCIENCE  25 A TECHNOLOGY DRIVE, STE. 200  IRVINE, CA 92718  JSA  Generation Site (Transport from): (name & address)  MOBIL OIL PRODUCTION FIELD  10607 NORWALK BLVD  STEV  FAX#:  USA  Designated Facility (Transport to): (name & address)  Person to  STEV  FAX#:  USA  Designated Facility (Transport to): (name & address)  TPS TECHNOLOGIES INC.  12328 HIBISCUS AVE.  Adelanto, CA 92301  Transporter Name and Mailing Address:  W. A. WOODS INDUSTRIES  10120 W. FRONTAGE ROAD  SOUTH GATE, CA 90280  SOUTH GATE, CA 90280  USA  Description of Soil  Moisture Content  Contaminated by: Approx. Qty:  Sand Organic Olow Ofter Olow Ofter Olosed  Clay Ofter Olow Ofter Olosed  Clay Ofter Olow Ofter Olosed  Clay Ofter Olow Ofter Olosed  Can Ofter Olow Ofter Olosed  Can Ofter Olow Ofter Olosed  Can Ofter Olow Ofter Olosed  Can Ofter Olosed  Can Ofter Olow Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Can Ofter Olosed  Consultant  Consultant  Signature and  Marke  Transporter Scertification: I/We acknowledge receipt of the soil described above:  Can Can Olosed  Can Ofter Olosed  Consultant  Consultant  Consultant  Signature and  Marke  Transporter Scertification: I/We acknowledge receipt of the soil described above:  Consultant  Consultant  Consultant  Signature and  Marke  Frint or Type Name:  Signature and  Consultant  Signature and  Consultant  Consultant  Signature and  Consultant  Consultant  Signature and  Consultant  Signature and  Consultant  Consultant  Signature and  Consultant  Consultant  Signature and  Consultant  Consultant  Consultant  Signature and  Consultant  Consultant  Signature and  Consultant  Consu	Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  IRVINE, CA 92718  USA  Generation Site (Transport from): (name & address)  MOBIL OIL PRODUCTION FIELD  10607 NORWALK BLVD  Designated Facility (Transport to): (name & address)  TPS TECHNOLOGIES INC.  12328 HIBISCUS AVE.  Adelanto, CA 92301  Fromsporter Name and Mailing Address:  W. A. WOODS INDUSTRIES  10120 W. FRONTAGE ROAD  Description of Soil  Moisture Content  Sand Organic Office over Other Other Other Other Other Office of Other Office of Other Office of Other Office of Other Office of Other Office of Other Office of Other O	Consultant's Name and Billing Address:  ALTON GEOSCIENCE  25 A TECHNOLOGY DRIVE, STE. 200  IRVINE, CA 92718  Generation Site (Transport from): (name & address)  MOBIL OIL PRODUCTION FIELD  10607 NORWALK BLVD  South Carry Parson to Contact:  STEVE PAO FAX8:  USA  Designated Facility (Transport to): (name & address)  TPS TECHNOLOGIES INC.  12328 HIBISCUS AVE.  Adelanto, CA 92301  Transporter Name and Mailing Address:  W. A. WOODS INDUSTRIES  10120 W. FRONTAGE ROAD  SOUTH GATE, CA 90280  Description of Soil  Moisture Content  Contaminated by: Approx. Qty:  Sand Organic O	Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  IRVINE, CA 92718  USA  FAX#:  FAX#:  FAX#:  Person to Contact:  FAX#:  FAX	TORRANCE, CA 90509-2929  USA  Consultant's Phase and Billing Address:  ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  IRVINE, CA 92718  USA  Consultant's Phase #  Consultant	TORRANCE, CA 90509-2929  USA  Consultant's Name and Palling Address  W. A. WOODS INDUSTRIES  10120 W. FRONTAGE ROAD  Description of Soil Moisture Contact Contaminated by: Approx. Oby: Description of Delivery  South Carls Contact Contact Contact Contact Contaminated by: Approx. Oby: Description of Delivery  Since The Contact

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	f Shipment:	Responsible for P		————	Truck #:	<b>1</b>	Facility #:	Given by	TPS:		Load
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	tor's Name and Billing				Generator's			Gene	rator's US	EPA ID No.	
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370	0 W. 190TH	STREET -	- TPT2		Person to Co	ontact:					
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	tant's Name and Billing	•			Consultant's	s Phone	· #:				
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1	BIL OIL PRO		TEL N	Ì	Site Phone #	F.	•	Leve	-		
1	511 UIL PRU 507 NORWALK		LELD	ľ	Person to Co	ontact:		TPH			
1 .		_			STEVE	_PA	٥	Leve			
20	enta Fe	Springo	110	_,	FAX#:			AVG Leve			
Design	ated Facility (Transport	t to): (name & address)	US	) A	Facility Pho	ne #:		Facil	ity Permit	Numbers	
1	TECHNOLOG				800-8	62-	8001				·····
1	328 HIBISCU				Person to C		. BARTL	ը դրար 			
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Ad∈	elanto, CA	92301	ບຣ	3 <b>A</b>	760-2	8004					
	oorter Name and Mailin	**			Transporter's Phone #:			Transporter's US EPA ID No.:			
	WOODS IN				(310)		7-1367		ADØØ9 sporter's E	965754	5
Ing	120 W. FRON	HIAGE ROAD			RON B			ŀ	sporter s L . <b>958</b>	201 INC.	
gni	JTH GATE, C	*	116	SA.	FAX#:		6-1859	Cust	omer Acco	ount Number	with TPS
}		· · · · · · · · · · · · · · · · · · ·			.)				0002		
<b> </b>	escription of Soil	Moisture Content	Contaminated by:	Approx	x. uty:	Jescrip Jescrip	otion of Delivery	Gros	s Weight	Tare Weight	Net We
	d □ Organic □   7 □ Other □	0 - 10% 🖸 10 - 20% 🖸 20% gyan D	Gas 🖸 Diesel 🗓					120	オスフハ	33040	41-25
<u> </u>	d Corganic C	20% - over 🗅 0 - 10% 🚨	Other 🔾 Gas 🔾	-			_ <del></del>	_   '	,,,,,	12270	100
1	Offganic 3	10 - 20% □ 20% - over □	Diesel 🔾 Other 🖸						*		23.1
List an	y exception to items listed a						30718	/			
Gono	rator's and/or consul	tant's certification	I/Me cortification that the	a soil va	foronced has				soils doss	rihed in the	Soil Da
Sheet	completed and certif										
any t		<u> </u>						<b>.</b>			
	r Type Name: IKC PIHG	Generator 🗅	Consultant	Sign	mature and date	e: 2	> Ages	1 1	۔ معدمیر		Day Ze
_	sporter's certification	: I/We acknowledo	e receipt of the soil	describe	ed above an	id certi	ify that such so	oil is bein	delivere	·/	
condi	ition as when receive	ed. I/We further cer	s being	directly tra	insport	ed from the Ge	eneration	Site to th	e Designate	d Facilii	
witho	out off-loading, addin	ig 10, subtracting fro	m or in any way de	- 71	ļ ,		te.				Day ,
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, , , , , , , , , , , , , , , , , , ,	ŀ	Generator's Name and Billing A	Address:				or's Phone	#: *	Generator's US	EPA ID No.			
		MOBIL OIL COR	PORATION			(31	Ø) 21	2-1857		· 			
		3700 W. 190TH	. STREET -	TPT2			to Contact:				1		
O. Charles											Al Tro		
CBD-Left		TORRANCE, CA	90509-2929	}	USA	FAX#:			Customer Accord 100036		ntn trs:		
American Commence of the Commence of the State of the Sta		Consultant's Name and Billing	Address:			Consul	tant's Phor	ne #:	100030	<u> </u>			
9		ALTON GEOSCIE	NCE							_,			
Supplies of		25 A TECHNOLO	GY DRIVE,	STE. 20	90	Person	to Contact	:					
7						FAX#:			Customer Acco	unt Number v	rith TPS:		
<i>F</i>		IRVINE, CA 92	718		USA				1001865				
		Generation Site (Transport from	n): (name & address)			Site Ph	one #:		BTEX Levels		*		
ı		MOBIL OIL PRO	DUCTION FI	ELD		D	to Contact		TPH				
	<u>~</u>	10607 NORWALK	BLVD				• •		Levels				
١,	ıltar	Santa Fe S	01.00			FAX#:	VE P	AU	AVG.				
	onsultant	Santa Re	may		USA				Levels				
- 1	S	Designated Facility (Transport	to): (name & address)			) .	Phone #:	0.004	Facility Permit	Numbers			
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		12328 HIBISCU			T T	DARREN R. BAR		ETT		ĺ			
- 1	ator	FAX#:											
1	Generator	Adelanto, CA Transporter Name and Mailin			USA			- <u>8004</u>	Transporter's U				
1	g	W. A. WOODS IN	•			1	orter's Pho	27-1367	,	965754	ı.		
l		10120 W. FRON					to Contac		Transporter's I				
							RON BENSON FAX#:		1958		vil æpe		
I		SOUTH GATE, C	A 90280		USA			06-1859	Customer Acco		with 1P5:		
		Description of Soil	Moisture Content	Contaminate	d by: A	oprox. Qty:	Descr	iption of Deliver	y Gross Weight	Tare Weight	Net Weight		
		Sand  Organic  Organic  Other  Other	0 - 10%	Gas 🗅 Diesel 🗅 Other 🗅					81350	31900	49480		
		Sand ① Organic ① Clay ② Other ①	0 - 10%	Gas Diesel D							24.74		
		List any exception to items listed a	bove:	<u>,                                      </u>			30-	719			•		
The statement of		Generator's and/or consult Sheet completed and certif any way.	tant's certification: fied by me/us for the	I/We certify th Generation S	at the so ite show	il reference n above and	d herein is I nothing	s taken entirely j has been added	from those soils desc or done to such soil	that would by Mod	alter it in		
4		Print or Type Name:  Wike 37	Generator 🛚	Consultant	À	Signature as	nt	misk of	Ha	7	Day Year		
al Assertation of	Transporter									ed in exactly ne Designate	the same d Facility		
	Tran	Print or Type Name:	de-	Month 07	Day Year <b>72 98</b>								
1	λ,	Discrepancies:						7					
	Facility					C.1							
											· · · · · · · · · · · · · · · · · · ·		
	iliz,	Recycling Facility certifies		covered by this	manifest								
	Recycling	D. Bartlett/	D. BENTON			Signatur	nd date	3 7/	22/9	1			

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				_	Soil Recyclous Soils	cling		S. Jami			
- Andrews	Date of Shipment:	Responsible for P		Transporte		Facility #:		ven by TPS:		Load#	
	7-22-98	Generato		116	_ ,/	A07		.09 <del>9</del> 8		003	
	Generator's Name and Billing	Address:		<del></del>	Generator's Phone	#:	•	Generator's US	EPA ID No.		
	MOBIL OIL COR	PORATION			(310) 21	2-1857	7	·			
	3700 W. 190TH.	. STREET -	TPT2		Person to Contact:			·		1	
	<b>7</b> 000011100				FAX#:			Customer Acco	unt Number v	vith TPS:	
<b> -</b> -	TORRANCE, CA		<del></del>	USA	Consultant's Phone			10003	53		
	Consultant's Name and Billing  ALTON GEOSCIE				Consultant's From	e #:					
	25 A TECHNOLO	GY DRIVE,	STE. 20	00	Person to Contact:						
	IRVINE, CA 92	718		USA	FAX#:			Customer Acco		vith TPS:	
	Generation Site (Transport fron	n): (name & address)			Site Phone #:			BTEX Levels		7.5 6.5 6.5	
	MOBIL OIL PRO	DUCTION F	ELD		Person to Contact:		· · · · · ·				
Ę	10607 NORWALK	BLVD			STEVE PA			TPH Levels			
ulta	Santa Fe Spr	ungo			FAX#:			AVG.		· ·	
Consultant	Designated Facility (Transport	y	# · ·	USA	Facility Phone #:			Levels	Niverbous		
6	TPS TECHNOLOG				800-862-	8001		Facility Permit	numbers		
Generator and/or	12328 HIBISCU				Person to Contact:			_			
ò					DARREN R	. BAK	LEI	<u> </u>			
era	Adelanto, CA			USA	760-246-	8004					
Ger	Transporter Name and Mailing	•			Transporter's Phone #:			Transporter's US EPA ID No.:			
	W.A. WOODS IN 10120 W. FRON				(310) 92 Person to Contact:		7	CADØØ9657545 Transporter's DOT No.:			
11	IVIZU W. FRUN	IAGE RUAD			RON BENS	SON		1958			
	SOUTH GATE, C	A 90280		USA	FAX#: (310) 80	06-185	9	10002		with TPS:	
	Description of Soil	Moisture Content	Contaminated	by: Appro	ox. Qty: Descri	ption of Deli	very	Gross Weight	Tare Weight	Net Weight	
	Sand D Organic D Clay D Other D	0 - 10%	Gas 🗅 Diesel 🗅 Other 🖸	-				85440	31000	54440	
	Sand 🔾 Organic 🖸 Clay 🖟 Other 🖯	0 - 10%	Gas 🗅 Diesel 🗅 Other 🖸							27.22	
	List any exception to items listed a	bove:			-	30720	5				
	Generator's and/or consult				eferenced herein is	taken entire	ly from				
	Sheet completed and certifi any way.	ied by me/us for the	Generation Si	te shown a	bove and nothing h -	ias been add	led or de	ne to such soil	that would	alter it in	
	Print or Type Name:  Mike Ditta	Generator 🗅	Consultant	Si	gnature and date:	7/2	۸.۴	+ K m		Day Year	
<u></u>	Transporter's certification:	1/We acknowledge	receipt of the	soil descri				T For Me being delivere	77		
Transporter	condition as when received	d. I/We further cer	tify that this s	oil is being	directly transpor	ted from the					
Sue	without off-loading, adding		,		ignature and date:	77		<del></del>	. Month .	Dav Year	
77.	STEVE	- REN	N			Lex	<del>)</del> /	Sen	17	7298	
,	Discrepancies:										
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g FE			`			••••					
clin	Recycling Facility certifies to Print or Type Name:		ept as noted above:	<del></del>		<u> </u>					
Recycling Facility	D. Bartlett/I	D. BENTON	3	Estimate and date:	7/2	z 10	70				
2. ( P. ) .			ų.	. 1	1 / 1/			· /			

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F CONTROL	Date of Shipment:	Responsible for P		ransporter			Facility #:	Given by TPS:		Load #
1		Génerato		128	1	79-1	A07	10998		011
	Generator's Name and Billing	g Address:			Generat	or's Phone	#:	Generator's US	EPA ID No.	
	MOBIL OIL COR	RPORATION	••		(31	<u> 21</u>	2-1857			
	3700 W. 190TH	I. STREET -	TPT2		Person t	o Contact:				
۱				ŀ	FAX#:			Customer Acco	unt Number v	vith TPS:
ı	TORRANCE, CA	90509-2929	<del>)</del> ບ	SA				100036		
ıſ	Consultant's Name and Billin	=		-	Consult	ant's Phone	e #:			. =
	ALTON GEOSCII				Person	to Contact:				
	25 A TECHNOLO	OGY DRIVE,	STE. 200	•	reison	io Comaci				
	TRUTUE CL O	3710	,,	<b>.</b> .	FAX#:			Customer Acco	unt Number v	vith TPS:
	IRVINE, CA 93		Ü	SA	av. DI			100186	55	
	Generation Site (Transport fr				Site Pho	one #:		BTEX Levels		
	MOBIL OIL PRO		IELD		Person	to Contact:		TPH	······	
	10607 NORWALI					VE PA	.00	Levels		
Consulan	Santa Fe Spr	ringo	1.1	10.1	FAX#:			AVG. Levels		
اِ زُ	Designated Facility (Transpo	rt to): (name & address)	· · · · · · · · · · · · · · · · · · ·	ISA	Facility	Phone #:		Facility Permit	Numbers	
	TPS TECHNOLO					-862-	8001			
ana/or	12328 HIBISC					to Contact:		- 		
	120202100				FAX#:	KEN N	BARTLE	<u> </u>		
G a	Adelanto, CA	92301	u	ISA	į	-246-	8004			
generator	Transporter Name and Maili	ng Address:			760-246-8004 Transporter's Phone #:			Transporter's US EPA ID No.:  CAD009657545  Transporter's DOT No.:		
ا ر ا	W.A. WOODS I					to Contact	7-1367			
	10120 W. FRO	NTAGE ROAD						1958	DOT No	
	SOUTH GATE,	C1 90280	1	JSA	RON BENSON FAX#: (310) 806-1859		Customer Account Number		with TPS:	
	Description of Soil	Moisture Content	Contaminated by		<u> </u>		ption of Delivery			Net Weig
	Sand 🕽 Organic 🗅	0 - 10%	Gas 🗅	,			•	76360		<del>                                     </del>
	Clay 🕽 Other 🗅	10 - 20% 🖸 20% - over 🗇	Diesel 🛭 Other 🖸			·		3074	29920	4644
F	Sand □ Organic □	0 - 10%	Gas D Diesel D							23.22
	1 O								1	1 U.J. U.
	Clay D Other D  List any exception to items listed	20% - over 🗅	U Other U							1
	List any exception to items listed	l above:	Other 🗅				6721			
	List any exception to items listed Generator's and/or const Sheet completed and cert	l above: ultant's certification:	I/We certify that			l herein is	taken entirely fr			
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	Action of the Section	TP	S Techno	ologie	s Soil	Recy	cling			for Chickson concessors	ACCEPTANCE AND ACCEPT
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, ,	Date of Shipment:	Responsible for P		Transport		_	Facility #:	Giv	ven by TPS:		Load#
			<b></b>	2	<del></del>	8	A07	1	<b>0</b> 998		012
	Generator's Name and Billing MOBIL OIL COR				1	tor's Phone			Generator's US	EPA ID No.	
	3700 W. 190TH		. <b>ምם</b> ምን			to Contact:	L2-1857	<u>-</u>			
	מושכו א ששינה	. SIREEI	11-12								*
	TORRANCE, CA	90509-2929	•	USA	FAX#:				Customer Acco		rith TPS:
	Consultant's Name and Billing ALTON GEOSCIE	•			Consul	tant's Phon	ne #:	<u> </u>	100036		
	25 A TECHNOLO		STE. 20	00	Person	to Contact:	-		·		
	IRVINE, CA 92	718		USA	FAX#:				Customer Acco		vith TPS:
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	MOBIL OIL PRO	DUCTION FI	ELD				·		Levels		
_	10607 NORWALK	BLVD			ļ	to Contact			TPH Levels		·
Itan	Santa Fe Spr	inao			STE FAX#:	VE PA	<u> </u>		AVG.		
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d/o	TPS TECHNOLOG	SIES INC.	•			0-862- to Contact					
r an	12328 HIBISCU	IS AVE.					R. BART	LET	r		
Generator and/or	Adelanto, CA	92301		USA	FAX#: <b>76</b> @	-246	-8004				
Gen	Transporter Name and Mailin	**			١,	orter's Pho			Transporter's U		
1	W.A. WOODS IN 10120 W. FRON					to Contact	<u>27-1367</u>	, 	Transporter's I	9657545	5
	TOTZO W. PROP	CIAGE RUAD			i i	I BENS			1958	*11	
	SOUTH GATE, C	CA 90280		USA	FAX#:	(0) 80	06-185 <u>9</u>	)	Customer Accord 10002	ount Number 1 38	with TPS:
	Description of Soil	Moisture Content	Contaminated	by: Appr	ox, Qty:	Descri	iption of Deliv	ery	Gross Weight	Tare Weight	Net Weight
	Sand  Organic  Other  Other	0 - 10% 🖸 10 - 20% 🖸 20% - over 🗅	Gas 🗅 Diesel 🗅 Other 🗓						84240	30980	53260
	Sand   Organic   Organic   Other   Other   Other	0 - 10% □ 10 - 20% □ 20% - over □	Gas 🗅 Diesel 🗅 Other 🗅								26.63
	List any exception to items listed a		· · · · · · · · · · · · · · · · · · ·				30726	•			
	Generator's and/or consult Sheet completed and certif any way.	tant's certification: fied by me/us for the	I/We certify the Generation Si	at the soil i te shown a	reference bove and	d herein is I nothing i	taken entirel has been adde	y from ed or do	those soils desc me to such soil	ribed in the ! that would a	Soil Data ulter it in
	Print or Type Name:	Generator 🗅	Consultant	<b>∠</b> ⊃_  s	ignature ar		34fa	An	ut for	16273#	Day Year
ter	Transporter's certification				bed abou	e and cer		soil is	being delivere	d in exactly	the same
por	condition as when receive without off-loading, addin							Genera 	ition Site to th	e Designateo	i Facility
Transporter	Print or Type Name:	< R	uis	19	ignature at	ud dalle:		1	$\rightarrow$	Month	Day Year 2) Q2
	Discrepancies:	, V-3	<u> </u>				- L				
3								•			
Fac		•		1							
Recycling Facility	Recycling Facility certifies	the receipt of the soil of	covered by this n	nanifest exc	apt as no	ted above:	···				
oyc.	Print or Type Name:	<u></u>	y //		igra <b>yut</b> a	<del></del> A_		7			
Rec	D. Bartlett/	D. BENTON			1	SP	x +1	122	198		

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ı	Date of Shipment:	Responsible for P		Transp	orter Truck	<b>ず</b>	Facility #: A07		ven by TPS: . <b>099</b> 8		Load #
ŀ	Generator's Name and Billing	Address		<u> </u>	- I Comm	ator's Phone			Generator's US	CDA IDAL	018
	MOBIL OIL COR		4		]		#: .2-1857	7	Generator's US	EPA ID No.	
١	3700 W. 190TH		ምውም			to Contact:	2 100	·			·
ı	3700 W. 1301D	. DIREEL	1712		1 61301	i ic commen					-
ı			_		FAX#:				Customer Acco	unt Number v	vith TPS:
1	TORRANCE, CA	90509-2929	9	USA	-				100036	53	
ſ	Consultant's Name and Billing	Address:			Consu	itant's Phone	e #:				
1	ALTON GEOSCIE	NCE									
١	25 A TECHNOLO	GY DRIVE,	STE. 20	00	Persor	to Contact:					
					F1. 1/11	·-					
ı	IRVINE, CA 92	718		USA	FAX#:				Customer Acco		vith TPS:
ŀ	Generation Site (Transport from					none #:	<del></del>		100186 BTEX	o3	
ı	<u>-</u>				Jane 17	ione #.			Levels		
١	MOBIL OIL PRO		LELD		Person	n to Contact:			TPH		
	10607 NORWALK	RLAD			STI	EVE PA	.0		Levels		
					FAX#				AVG.		
	SANTA FE SPRI		067Ø	USA					Levels		
	Designated Facility (Transport	t to): (name & address)			<b>I</b>	y Phone #:			Facility Permit	Numbers	
1	TPS TECHNOLOG	SIES INC.			}	<u> 2-862-</u>		····			
	12328 HIBISCU	JS AVE.			I	n to Contact:	. BAR	רוביי	11"		
					FAX#		· DAN	LLEI	4		
	Adelanto, CA	92301		USA		2-246-	8004				
	Transporter Name and Mailin			0.0.1.		porter's Pho			Transporter's t	JS EPA ID No.	 .:
3	W.A. WOODS IN				I .		27-136	7	i	965754	
	10120 W. FRON	TAGE ROAD			<del> </del> -	n to Contact:		-	Transporter's I		
					RO	N BENS	ON		1958		
	SOUTH GATE, C	CA 90280		USA	FAX#	: 100) 80	06-185°	<b>-</b>	Customer Acco	ount Number 38	with TPS:
	Description of Soil	Moisture Content	Contaminated				ption of Deli		Gross Weight	,	Net Weig
	Sand D Organic D	0 - 10%	Gas Q		pprox. atj.	200011	puon or ock	very			
	Clay 3 Other 3	10 - 20%	Diesel D Other D		-				7-7340	29380	47480
	Sand □ Organic □	0 - 10% 🖸 10 - 20% 🖸	Gas Diesel D								23 99
	Clay \(\text{\tiket}}\text{\ti}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tiliex{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\tikitet{\text{\text{\text{\text{\text{\text{\text{\text{\text{\te}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\te}\tikitet{\texi}\text{\text{\text{\text{\text{\text{\texi}\tint{\text{\texi}\titt{\text{\text{\text{\text{\text{\text{\texi}\tint{\text{\texi}\	20% - over 🔾	Other Q							<u> L</u>	٠,٠
	List any exception to items listed a	above:					307	127			
	Generator's and/or consul Sheet completed and certif any zvay. Pant of Type Name:	fied by me/us for the		te show		d nothing h	as been add	ed or de		that would	
_	Transporter's certification		e receint of the	soil de	scribed abo	ve and cert					
3	condition as when receive	ed. I/We further cer	rtify that this s	soil is b	eing direct.	y transport	ted from the				
ğ	without off-loading, addin										
Iransporter	Print or Type Name	TONI	2/1/11	11	Signature a	nd date:	, <del>~</del>		11	Month	Day Yea
_		1 1 1/5/19	2401	211			DOLY	1	1041		ZZ 4
>	Discrepancies:								U		
3		•									
ě											
guj	Recycling Facility certifies	the receipt of the soil	covered by this r	nanifest	excess as n	oted above:			·		
yel	Print or Type Name:		<i>y</i>	.,•	Signature		$\sim 1$		1 ,		
Recycling Facility	D. Bartlett/	D. BENTON				XX	1/17	2	190		
_					14	' ->	'10	_	( ( )		

		TP	S Techno Nor	logies n-Hazard		_	cling		is Naij	age and	
	Date of Shipment:	Responsible for P		Transporte	Truck #:	_	Facility #:	Giv	en by TPS:		Load#
		Generato	r		6	10	A07	1	<b>0</b> 998		015
	Generator's Name and Billing	Address:	· · · · · · · · · · · · · · · · · · ·		Generator	s Phone	#:	***************************************	Generator's US	EPA ID No.	
	MOBIL OIL COR	PORATION					2-1857	z			
	3700 W. 190TH	. STREET -	TPT2		Person to	Contact:					
	TORRANCE, CA	90509-2929	· •	USA	FAX#:				Customer Accord		rith TPS:
	Consultant's Name and Billing ALTON GEOSCIE		tota tota		Consultar	t's Phone	e #:		10000		
	25 A TECHNOLO		STE. 20	Ø	Person to	Contact:					
	IRVINE, CA 92	718		USA	FAX#:				Customer Accord		rith TPS:
	Generation Site (Transport from	n): (name & address)			Site Phon	÷ #:			BTEX		(A) A) (A)
	MOBIL OIL PRO	DUCTION F	IELD -					_	Levels		
<u></u>	10607 NORWALK	BLVD			Person to				TPH Levels		
Itan	Santa Fe St	mingo			STEY FAX#:	E PA	.U		AVG.		
ns.		8		USA					Levels		
Co	Designated Facility (Transport	to): (name & address)			Facility P				Facility Permit	Numbers	
1/01	TPS TECHNOLOG	IES INC.			800 - Person to		8001			· <u></u>	
Generator and/or Consultant	12328 HIBISCU	IS AVE.			DARR		BAR	TLET	T		
erate	Adelanto, CA	92301		USA	FAX#:	246-	-8004				
ene	Transporter Name and Mailin				Transpor			_	Transporter's U	JS EPA ID No.	: .
9	W.A. WOODS IN	DUSTRIES					27-136	7	<del></del>	96575 <u>4</u> 5	5
	10120 W. FRON	ITAGE ROAD			Person to				Transporter's L	OOT No.:	ŀ
					RON FAX#:	BENS	SON		1958 Customer Acco	ount Number s	with TPS:
	SOUTH GATE, C	<b></b>	1	USA	(310		06-185	<del>-</del>	10002	38	
	Description of Soil	Moisture Content	Contaminated	by: Appro	ox. Qty:	Descri	ption of Deli	ivery —	Gross Weight	Tare Weight	Net Weight
	Sand I Organic I Clay I Other II	10 - 20% 🔾 20% - over 🖸	Diesel 🔾 Other 🔾	1	yels				46000	30240	49760
	Sand 🔾 Organic 🔾 Clay 🔾 Other 🔾	0 - 10%	Gas 🖸 Diesel 🗓 Other 🗓					<b></b>			24.88
	List any exception to items listed a	above:					307	28	<u></u>		
	Generator's and/or consul Sheet completed and certif and way;	tant's certification: fied by me/us for the	I/We certify tha Generation Sit	t the soil r	eferenced h bove and n	erein is othing h	taken entire pas been ada	ely from led or do	those soils desc one to such soil	ribed in the that would a	Soil Data alter it in
L	Print or type Name: NED		Consultant	G 9	gylature and	IM			MOBIL	7:	Day Year 22 98
Transporter	Consporter's certification condition as when receive	ed. I/We further ce	rtify that this so	oil is being	directly )	<b>7</b> anspor	tify that sue ted from th	n soil is	being delivere		
usu	without off-loading, adding	ig to, subtracting fre	om or in any wa		delivery t	· · · · · · A	ie.	· · · · · · · · · · · · · · · · · · ·		, Month	Day Year
7.	Garry (	Jaunt	••••					,			2298
١,	Discrepancies:			$\overline{}$						= <del></del>	
Facility											
2007	Recycling Facility certifies	the receipt of the soil	covered by this m	unifest exc	eptas noted	above:	······	-		<u>.</u>	
Recyclina	Print or Type Name: D. Bartlett/				ignature and				1m		
Q	C. Dar Cleccy	o, DEMIUN			11	W	) 7	172	19X		

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			TP	S Techno	-	jies S zardous		cycling		เล็บเล็ก	~			
X columbia.	1,513	Balling and the Control of the Contr	eranan eranan eran					Facility #:		AND DESCRIPTION OF THE PARTY.				
	I	7 - 22 - 98_	Responsible for P: Generato		5	Transporter Truck #: Facility #:  88-02 A07				en by TPS: <b>0998</b>		Load # 013		
	(	Generator's Name and Billing Address:					nerator's P	hone #:		Generator's US	EPA ID No.			
		MOBIL OIL CORPORATION				(	(310) 212-1857							
		3700 W. 190TH. STREET - TPT2				Per	Person to Contact:			1				
		TORRANCE, CA	90509-2929	<b>;</b>	USA	1	X#:			Customer Account Number with TPS: 1000363				
1	í	Consultant's Name and Billing	Address:			Co	onsultant's	Phone #:		100000	···			
3 3	ı	ALTON GEOSCIE												
		25 A TECHNOLO	GY DRIVE,	STE. 20	20	Pe	Person to Contact:							
7	l	IRVINE, CA 92718 USA					ΛX#:	_		Customer Acco		eith TPS:		
ę.	L	Generation Site (Transport from): (name & address)				Sit	te Phone #:			100186 BTEX	23			
	- 1	·					C I HOME ".		1	Levels				
1		MOBIL OIL PRODUCTION FIELD					erson to Co	ntact:		TPH				
Ì		10607 NORWALK BLVD					TEVE	PAO		Levels		`		
Consultant		Santa Fe Springs					AX#:			AVG. Levels				
Š	3	Designated Facility (Transport	to): (name & address)			Fa	cility Phon	ie #:		Facility Permit Numbers				
٤							800-862-8001							
and/or	12328 HIBISCUS AVE.						Person to Contact:  DARREN R. BARTLET			r		:		
							AX#:	N. BARI						
Congrator	<u> </u>	Adelanto, CA 92301 USA						46-8004						
	Š	Transporter Name and Mailin					ransporter'			Transporter's US EPA 1D No.:				
	³ [	W.A. WOODS INDUSTRIES						927-1367		CAD009657545				
1		10120 W. FRONTAGE ROAD					Person to Contact:			Transporter's DOT No.:				
							RON BENSON FAX#:			1958 Customer Account Number with TPS:				
		SOUTH GATE, C		USA		A	(310) 806-1859		9 1000238		38	· · · · · · · · · · · · · · · · · · ·		
		Description of Soil	Moisture Content	Contaminate	-	Approx. (	Oty: D	escription of Delive	ery	Gross Weight	Tare Weight	Net Weight		
		Sand (1) Organic (1) Clay (1) Other (1)	0 - 10%	Diesel 🗅 Other 🗅						79920	39980	48940		
		Sand I Organic I Clay I Other II	0 - 10% 🖸 10 - 20% 📮 20% - over 🗓	Gas 🖸 Diesel 🗅 Other 🖸	۱ أ							2447		
		List any exception to items listed above:  3 6730												
		Generator's and/or consul Sheet completed and certij any way.	tant's certification: fied by me/us for the	I/We certify the Generation S	at the ite sho	soil refer own above	enced here e and noth	ein is taken entirely iing has been adde	y from i d or do	those soils desc ne to such soil	ribed in the that would	Soil Data alter it in		
10000		Trint of Type Name: Generator Genera												
	Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such so condition as when received. I/We further certify that this soil is being directly transported from the G without off-loading, adding to, subtracting from or in any way delaying delivery to such site.  Print or Type Name:    Signature and date:								being delivere tion Site to th	d in exactly se Designated	the same d Facility			
	Tran	Print or Type Name: Sign 140 BOLD						Signature and date:  Aug. Newword 9 22 8						
4	IIIty	Discrepancies:		•			U	0						
	y Facility													
	Jul	Recycling Facility certifies		covered by this	manife		~							
	Recycling	Print or Type Name D. Bartlett/	D. BENTON			Signa	ture and date	k_71.	77.	198				

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	Frank State Control	1173	Technolo	_		_	iing				
	<u> </u>			lazardou		s	<u> </u>		sees Manif		
ľ		sponsible for Pa enerator		nsporter Tr	ruck #:		Facility #:	İ	ven by TPS: <b>0998</b>		Load #
	Generator's Name and Billing Addres MOBIL OIL CORPOR					r's Phone ) 21	#: 2-185'	7	Generator's US	EPA ID No.	
;	3700 W. 190TH. S	TREET -	TPT2	P	erson to	Contact:		-	-		1
L	TORRANCE, CA 905		ບຣ		AX#:		···		Customer Accou		ith TPS:
14	Consultant's Name and Billing Addre ALTON GEOSCIENCE					nt's Phone	* #: 				
	25 A TECHNOLOGY	DRIVE,	STE. 200		erson to	Contact:			Customer Accor	int Number w	rith TPS:
L	IRVINE, CA 92718 Generation Site (Transport from): (na		US	SA	ite Pho	ne #:			100186		11 3.
1 1	MOBIL OIL PRODUC		EI D						Levels		_
	10607 NORWALK BL		ELD		•	Contact:			TPH Levels		
Consultant	Santa Fe Sprin	*	US	SA _	FAX#:			***	AVG. Levels		
	Designated Facility (Transport to): (In TPS TECHNOLOGIES				800	Phone #: - <b>862</b> - o Contact:			Facility Permit	Numbers	
Generator and/or	12328 HIBISCUS A	VE.					BAR	TLET	<u>†</u>		
eneral	Adelanto, CA 923 Transporter Name and Mailing Adds		บร	SA	760	-246 - rter's Pho	-8004 ne #:		Transporter's U	IS EPA ID No.	:
Ğ	W.A. WOODS INDUS				-		27-136	7	,	965754	1
	10120 W. FRONTAC	SE ROAD			RON	o Contact			1958		·
	SOUTH GATE, CA			SA			06-185		Customer Accord 10002:	38	•
		ture Content	Contaminated by:	: Approx.	Qty:	Descri	ption of De	livery	Gross Weight	lare Weight	Net Weight
	Clay D Other D 20	10% 🗅 - 20% 🗇 % - over 🔾	Gas 🗅 Diesel 🗅 Other 🖸						87480	29940	57540
	Clay 3 Other 3 20	- 10% 🔲  - 20% 🚨  % - over 🖫	Gas 🖸 Diesel 🗓 Other 🗓				*** <u>*</u> **				28.77
	List any exception to items listed above:					س ر د	3073	0			
	Generator's and/or consultant's Sheet completed and certified by any way.	me/us for the	/We certify that th Generation Site sl	hown abo	ve and	nothing )	taken entii has been ad	rely from Ided or d	those soils desc one to such soil	that would	alter it in
1	Mike THE	Generator D	Consultant	7	Mik.	C 250	6	Journ	1 form	617	Day Year  22 97
Transporter	Transporter's certification: I/W condition as when received. I/ without off-loading, adding to,	We further cer	tify that this soil	is being d delaying d	tirectly lelivery	transpor to such s	ted from t	ich soil i he Gener	s being delivere ration Site to th	e Designate	tne same d Facility
Tran	Print or Type Name:  Discrepancies:	OFY,	P	Sign		date:	Yaz	eli	<u>a</u>	Month 2	之分
Facility	occepance.				_		V				
ng F	Recycling Facility certifies the rec	eipt of the soil o	overed by this man	ifest excen	t as not	ed above:					
Recycling	Print or Type Name: D. Bartlett/D.		- 9		natiroan		3	1.	lac	V	

CAMBRAGINA CONTROL CON

	o di managana		Non-H	_		_	ciing s		V Mani	est#¥V	
	Date of Shipment:	Responsible for Pa Generato	ryment: Tra	nsporter	Truck #:		Facility #: AØ7		n by TPS: 1998		Load # 3
	Generator's Name and Billing A MOBIL OIL CORF 3700 W. 190TH.	PORATION	ТРТ2		(31	or's Phone  2) 21  o Contact:	2-1857		Generator's US	EPA ID No.	1
	TORRANCE, CA	9 <b>0</b> 5 <b>0</b> 9-2929	ງ ປຣ	SA	FAX#:			(	Tustomer Accor		rith TPS:
	Consultant's Name and Billing ALTON GEOSCIEM		· · · · · · · ·		Consult	ant's Phone	e #:				ļ. K
	25 A TECHNOLOG	BY DRIVE,	STE. 200		Person	to Contact:					
	IRVINE, CA 923	718	US	5 <b>A</b>	FAX#:			(	Customer Accor 100186		rith TPS:
	Generation Site (Transport from				Site Ph	nne #:			BTEX Levels		New York
 	MOBIL OIL PROI 10607 NORWALK		ELD		1	to Contact:		- 1	TPH Levels		
ultar							10	L I	AVG. Levels		
Consultant		SANTA FE SPRINGS, CA 90670 USA  Designated Facility (Transport to): (name & address)							Facility Permit	Numbers	
and/or (	TPS TECHNOLOG	IES INC.			Facility Phone #:  800 - 862 - 8001  Person to Contact:				<del></del>		
		S AVE.			DARREN R. BARTLETT				T .		
enerator	Adelanto, CA	SA	FAX#:	-246	-8004						
Gen	Transporter Name and Mailing W. A. WOODS IN		1	orter's Pho	one#: 27-1367		Transporter's US EPA ID No.: CAD009657545				
	10120 W. FRONTAGE ROAD					to Contact			Transporter's DOT No.:		
	SOUTH GATE, C	U	USA		RON BENSON (310) 806-1859			1958  Customer Account Number with TPS 1000238			
	Description of Soil	Moisture Content	Contaminated by	Appro	٠.,		iption of Deliv		Gross Weight	Tare Weight	Net Weight
	Sand D Organic D Clay D Other D	0 - 10%	Gas □ Diesel □ Other □				•		8800	30000	04
	Sand I Organic II Clay II Other II	0 - 10%	Gas 🗅 Diesel 🗅 Other 🖟								X 20
	List any exception to items listed at	bove:	f			3	0732	<u>-</u>	-		29.41
- 1 - 2 - 93	Generator's and/or consult Sheet completed and certifi any way.	ant's certification: ed by me/us for the	I/We certify that the Generation Site s	he soil r hown al	eference bove and	d herein is I nothing	taken entirel has been adde	y from t ed or dor	hose soils desc ne to such soil	cribed in the that would	Soil Data alter it in
100 SO	Print or Type Name:	Generator 3	Consultant 🔾	Si		We V	i al	tie wi	- MABI	1 _ 1	22 98
on and the second second	Transporter's certification: condition as when received without off-loading, adding Print or Type Name:	I/We acknowledge d. I/We further cer	rtify that this soil	is being	g directl	y transpoi	tify that suc rted from the	i soil is	being delivere	ed in exactly	the same d Facility
Trans	Print or Type Name:	A RE	valp	Si	ignature a	nd date:	lun	10		Month 7	22 9 8
3	Discrepancies:	<del>~</del>	· · · · · ·	(	7	<u> </u>		Y			
7	Facility				P	\					
	Recycling Facility certifies t	he receipt of the soil	covered by this man	•		<u> </u>	1				
	Recycling Facility certifies to Print or Type Name:  D. Bartlett/I	D. BENTON		S	ignature a	date:	2 1	1/2	2/00	/	

Ŧ			S Techno No	n-Hazaro		_	y			est in	
B I	Date of Shipment:	Responsible for Pa			er Truck #:		Facility #:	Giv	en by TPS:	and a second and an extension of	Load #
۱	•	Génerato	ŕ		-41		A07	. 1	ø998		021
ł	Generator's Name and Billing	Address:		, ,	<del></del>	or's Phone	#:	-	Generator's US I	EPA ID No.	<u> </u>
E	MOBIL OIL COR				(31)	0) 21	2-1857	.			
1	3700 W. 190TH	-	TPT2			to Contact:					
	<u></u>								· · · · · · · · · · · · · · · · · · ·		
L	TORRANCE, CA		<b>,</b>	USA	FAX#:				Customer Accou		ith TPS:
1	Consultant's Name and Billing ALTON GEOSCIE	• ,			Consult	ant's Phone	#:				
ı	25 A TECHNOLO		STE. 20	<b>3</b> Ø	Person	to Contact:					
	IRVINE, CA 92	2718		USA	FAX#:				Customer Accou		rith TPS:
Ī	Generation Site (Transport fro	m): (namé & address)			Site Ph	one #:			BTEX Levels		,
	MOBIL OIL PRO	DUCTION FI	ELD		P	to Contact:	,		TPH		
	10607 NORWALK	BLVD				VE PA	O		Levels		
		• •			FAX#:	VE FA	<u> </u>		AVG.		
1	SANTA FE SPRI	INGS, CA 90	067 <b>0</b>	USA					Levels		
t	Designated Facility (Transpor	rt to): (name & address)	<del>120-12-1-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-</del>			Phone #:	· · · ·		Facility Permit	Numbers	
1	TPS TECHNOLOG	SIES INC.			J	-862-					
١	12328 HIBISCU			×		to Contact:	. BART	יים נים	 T		
l						MEN N	. DAKI	LEI	<u> </u>		
۱	Adelanto, CA	92301		USA	FAX#:	-246-	8004				
ł	Transporter Name and Mailir					orter's Phor			Transporter's U	IS EPA ID No.	:
1	W.A. WOODS II	•			-		7-1367	7	1 '	9657545	
١	10120 W. FROI					to Contact:			Transporter's E		
١						BENS	ON		1958		
	SOUTH GATE, (	CA 90280		USA	FAX#:	.0) 80	6-1859	€	Customer Acco		vith TPS:
,				d by: Ann	roy Oty		otion of Deliv	vorv	Gross Weight	Tare Weight	Net Weigl
١	Description of Soil	Moisture Content	Contaminated	a by. App	10x. dt.j.	Descri	otton or bott	very	444		
	Description of Soil  Sand  Organic  Organic  Other  Other	0 - 10% □ 10 - 20% □ 20% - over □	Gas Diesel Dother D		TOX. Gry.	vescni		very	71640	30540	40501
	Sand 🗆 Organic 🕽	0 - 10%	Gas Diesel DOther DOThesel DOThesel D		TOX. GLY.	Descri		very		30540	
	Sand  Organic  Organic  Other  Other  Organic  Other  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic	0 - 10%	Gas Diesel DOther DGas DGas DGas		iox. diy.		8734	very		30540	40500
	Sand Organic Organic Other Oth	0 - 10%	Gas Diesel	nat the soil ite shown	reference above and	d herein is I nothing h	5734 taken entire las been add	ly from ed or do	those soils descone to such soil	ribed in the that would a	4050 ( 20.22  Soil Data alter it in
in today	Sand Organic Organic Other Oth	0-10%   10-20%   20% - over   10-20%   20% - over   10-20%   20% - over   1above:  above:  Above:  Above:  Comparison of the comparison of	Gas Diesel Dother Diesel Dother Diesel Dother Diesel Consultanter receipt of the retify that this	nat the soil ite shown e soil description is bein	references above and Significe a ribed above ribed above ng directle ng deliver	d herein is I nothing he ce and cert y transpor y to such s	taken entire las been add A A ify that sucted from the	ly from ed or do	those soils descone to such soil  World  being delivere	mibed in the that would be a month of the control o	Soil Data alter it in the same of Facility
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ł						RON	BENS	SON		1958 Customer Acco	ount Number	with TPS:
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	ling	Recycling Facility certifies	the receipt of the soil	manifest ex	ept\as no	ed above:		·		<u></u>		
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General		Adelanto, CA Transporter Name and Mailing	g Address:	1	USA	760-246-8004  Transporter's Phone #: (310) 927-1367			·····	Transporter's U		Ł	
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<i>₹</i> 0	TPS TECHNOLOGI	ES INC.				-862 -				,,	
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rerat	Adelanto, CA 9			USA	<u></u>		-8004				
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	TOIZE W. PRORI	NOE NOAD				BENS			1958		
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dsu	without off-loading, adding	to, subtracting fro	m or in any wo				site.				
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		Description of Soil	Moisture Content	Contaminated	d by: App	rox. Qty:	Descr	iption of Deliver	ry Gross Weight	Tare Weight	Net Weight
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	Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:  Print or Type Name:  D. Bartlett/D. BENTON  Signature and diffe:  1/27/60										
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Concenter's Name and Billing Address: MOBIL OIL CORPORATION 3700 W. 1907H. STREET - TPT2  TORRANCE, CA 90509-2929 USA  FAXR  Consolitant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  Feron to Contact:  IRVINE, CA 92718  Consolitant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  Feron to Contact:  IRVINE, CA 92718  USA  Consolitant's Phone 8:  LEE  Consolitant's Phone 9:  ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  Feron to Contact:  IRVINE, CA 92718  USA  Consolitant's Phone 9:  LEE  Consolitant's Contact  LEE  Consolitant's Contact  LEE  Consolitant's Contact  LEE  Consolitant's Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Science Contact  Consolitant Scienc	Contract to the second of the second	€ V. Manifest# ⊍							A CONTRACTOR OF THE PARTY OF TH						
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TRYINE, CA 92718  Generation Site (Transport from): (aume & address)  MOBIL OIL PRODUCTION FIELD  10607 NORWALK BLVD  SANTA FE SPRINGS, CA 90670  Designated Facility (Transport to): (nume & address)  TPS TECHNOLOGIES INC.  12328 HIBISCUS AVE.  Adelanto, CA 92301  Transporter Name and Mailing Address:  W. A. WOODS INDUSTRIES  SOUTH GATE, CA 90280  Description of Soil Moisture Content Contaminated by: Approx. Oty: Description of Delivery  Description of Soil Moisture Content Contaminated by: Approx. Oty: Description of Delivery  Sand Organic Openic Office of the Generation Site shown above and nothing has been added or done to such soil that would arm you.  Prose Type Name: Generator of the Generation Site shown above and nothing has been added or done to such soil that would arm you.  Transporter's certification: I/We acknowledge receipt of the soil described above and ferrify that such soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered from the Generation Site to the Designate without the soil of the Sand of Condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as when received. I/We further certify that this soil is being delivered in exactly condition as wh						STE. 200	NCE	N GEOSCIEN	ALTO						
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Print or Type Name: D. Bartlett/D. BENTON Signature and date: 7/22/9	<u>.</u>	6.00	<del></del>	<del>V  </del> _		covered by this manif		Type Name:	Print or						

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an	12328 HIBISCU	S AVE.			DARREN R. BARTLE			TLET	•				
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enerator and/or Consultant	Adelanto, CA		USA		760-246-8004 Transporter's Phone #:			T	IC EDA ID M.				
g	Transporter Name and Mailing W.A. WOODS IN			Transporter's Phone #: (310) 927-1367			1	Transporter's CADOO'	365754				
NA-V	10120 W. FRON				Person to Contact:  RON BENSON				Transporter's I				
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	(	Generator's Name and Billing A	\ddress:			Generat	or's Phone	#:	Generator's US	EPA ID No.		
		MOBIL OIL CORE	PORATION	•				2-1857				
	1	3700 W. 190TH.	STREET -	TPT2		Person	to Contact:				1	
10.0	۱					FAX#:			Customer Accou	ınt Number w	rith TPS:	
16656.7		TORRANCE, CA	<b>9050</b> 9-2929	l	JSA	ļ			10003€	3		
The second of th		Consultant's Name and Billing ALTON GEOSCIE			-	Consul	ant's Phone	e #:				
大学の年		25 A TECHNOLOG	GY DRIVE,	STE. 200	0	Person	to Contact:					
George of S		IRVINE, CA 92	718	<b>!</b>	USA	FAX#:			Customer Accord		vith TPS:	
2	Ī	Generation Site (Transport fron	n): (name & address)			Site Ph	one #:		BTEX Levels			
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- 1	Consultant					FAX#:			AVG. Levels			
	Suc	SANTA FE SPRI		670	USA		T)			Si bir		
	_						Phone #:  -862-	- 8001	Facility Permit	Numbers	-3	
١	and/or		signated Facility (Transport to): (name & address) PS TECHNOLOGIES INC. 2328 HIBISCUS AVE.									
		12328 HIBISCU			DAR	REN F	R. BARTL	ETT				
	enerator	Adelanto, CA	422A1		USA	FAX#:	-246	- Ω <i>Ω</i> ΩΔ				
	au au	Transporter Name and Mailing			USA		orter's Pho		Transporter's U	JS EPA ID No.		
	Š	W.A. WOODS IN						27-1367		9657 <b>5</b> 45	5	
		10120 W. FRON	TAGE ROAD			Persor	to Contact		Transporter's E	OT No.:		
						RON FAX#:	BENS	SON	1958 Customer Acco	wat Mumbur	with TPS:	
		SOUTH GATE, C	A 90280		USA	(31	0) 80	<b>26-1859</b>	10002	38	(a)	
		Description of Soil	Moisture Content	Contaminated	by: App	rox. Qty:	Descri	iption of Deliver	y Gross Weight	Tare Weight	Net Weight	
A TANKS OF THE		Sand 🕽 Organic 🗅 Clay 🔾 Other 🗅	0 - 10%	Gas 🗅 Diesel 🗀 Other 🔾					84520	30080	53720 26.86	
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7.7		List any exception to items listed a	·				2	30746				
s, alder		Generator's and/or consult Sheet completed and certif	tant's certification:	I/We certify tha	t the soil	reference	d herein is	taken entirely j	from those soils desc	ribed in the	Soil Data alter it in	
Special and		any way.	ieu vy mejus jor tne	Сепениюн эш	e snown			nus been quiteu	or done to such son	Diffe woman		
AND REPORT OF THE PARTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY O		Point of Type Name:	boel Generator Q			Signatureky	$\Delta L$		igent-Mil	117	Day Year 22 78	
State Co	Transporter	Transporter's certification condition as when receive	ed. I/We further ce	rtify that this so	oil is beir	ng directl	y transpo:	rted from the G	oil is being delivere eneration Site to th	ed in exactly ie Designate	the same od Facility	
100	dsu	without off-loading, addin	g to, subtracting fr	om or in any wa	y delayir			site.		No.	Day Year	
2	Trai	Print or Type Name:	EVE 1	BENL	ノー	Signature a	El.	w la	)ezz	Month	2298	
1	,	Discrepancies:									_	
4	illty											
	Fac					_						
	ing	Recycling Facility certifies	the receipt of the soil	covered by this m	unifest ex	cceptras ne	nted above:					
	Recycling Facility	Print or Type Name D. Bartlett/		<u>~</u>		Stembline and other 7/22/98						
4.2	Rec	a adribelly	o. umutum			10	H.	1/2	214X			

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TPS Technologies Soil Recycling Non-Hazardous Soils  Non-Hazardous Soils											
,	Date of Shipment:	Responsible for I Generato	Payment: ]	ransporte	r Truck	t:	Facility #: AØ7		ven by TPS: 0998		Load# 029
	Generator's Name and Billing	, Address:			Genera	tor's Phone	#:		Generator's US	EPA ID No.	<u>.                                    </u>
Į.,	MOBIL OIL COR	RPORATION	•		(31	0) 21	2-1857				
) 	3700 W. 190TH	I. STREET	- TPT2		Person	to Contact:					
	TORRANCE, CA	90509-2929	) U	ISA	FAX#:				Customer Acco		with TPS:
are the second s	Consultant's Name and Billin ALTON GEOSCIE	•			Consu	tant's Phon	e #:				
N keys surren	25 A TECHNOLO	OGY DRIVE,	STE. 200	)	Person	to Contact:		·			·-
1 L	IRVINE, CA 92	2718	Į	ISA	FAX#:				Customer Acco		with TPS:
Section 2	Generation Site (Transport fro				Site Ph	one #:			BTEX Levels		
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ant	10607 NORWALI	K BLVD			STE	VE PA			Levels		
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lo O	Designated Facility (Transpor	A71414		Facilit	/ Phone #:			Facility Permit	Numbers		
ठ	TPS TECHNOLOG	GIES INC.			-862-						
and/	12328 HIBISC	JS AVE.		1	to Contact:	BART	i Euro	Fr .			
э.	ļ				FAX#:	MEN N	. DAKI	LE 1	3		
enerator	Adelanto, CA	92301	JSA		3-246-	8004					
je j	Transporter Name and Mailin				orter's Pho			Transporter's l	JS EPA ID No	.:	
	W.A. WOODS II	NDUSTRIES				27-1367			965754	5	
Í	10120 W. FRO	NTAGE ROAD			1	to Contact:			Transporter's I	OOT No.:	
,					FAX#	BENS			1958 Customer Acco	unt Number	with TPS:
Private Section 1	SOUTH GATE,	CA 90280		JSA	(3:	.Ø) 80	6-1859		Customer Acco	38	•
	Description of Soil	Moisture Content	Contaminated b	y: Appr	ox. Qty:	Descri	ption of Delive	ery	Gross Weight	Tare Weight	Net Weigh
O'Control of the Control of the Cont	Sand 🖫 Organic 🗅 Clay 🗅 Other 🖫	0 - 10%	Gas 🖸 Diesel 🖸 Other 🖸		٠				88140	29880	58260
	Sand II Organic II Clay II Other II	0 - 10%	Gas 🖸 Diesel 🖸 Other 🗅							29860	29.13
	List any exception to items listed	above:	1				3074	(7	*		
grace.	Generator's and/or consu Sheet completed and certi	ltant's certification:	I/We certify that	the soil r	eference	d herein is	taken entirely	from	those soils desc	ribed in the	Soil Data
Í	any way.	gieu og mejus joi me	: Generation Site	snown u	oooe uni	i noining n	us veen uuuei !!	i or ao	ne to such sou	inui woulu	unei n in
	Fire or Type Name: WE'S Was	Generator D	Consultant	0 8	gnatyje ar	d date:			AA a		Day Year
1	Transporter's certification		a reasint of the ac	sil dasari	had abou	o and som	if that and	en	- /V/013/C		
ř	condition as when receiv	ed. I/We further cer	e receipt of the sc rtify that this soi	l is being	directl	y transport	ted from the	oon is Genera	tion Site to th	u in exacity ie Designatei	d Facility
Spc	without off-loading, addit									J	
Transporter	Print or Type Name:  TAMES	A. Javes	-	Si	ignature a	nd date:	(1)		_	Month	Day Year
-	Discrepancies:	T- VOT- C)			1				· ·		3
Ì	•				V		V				
Recycling Facility		•			-	_					
gu	Recycling Facility certifies the receipt of the soil covered by this manifest except as					nd above:					
ζς Λ	Bint or Twoe Name D. Bartlett/		-3		ignature a		<del></del>			<del></del>	
Rec	Ta. Barciect/	D. BERIUN				VU/	271	22	198		•
						101	$X^{-1}$	LL	118		

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		TP	S Techno	logies	Soil	Recyc	ling	K SOLVE			
			Non	-Hazard	ous Soil	s			y diam		
1	Date of Shipment:	Responsible for P Generato		Transporter	Truck #:		Facility #:	Gi	ven by TPS:		Load#
		Generaco		<u> </u>	- 3		A07	1	.0998		ØB3
	Generator's Name and Billin	•				r's Phone #			Generator's US	EPA ID No.	
	MOBIL OIL CO			-			2-1857	7	-		3
	3700 W. 190T	H. STREET -	TPT2	-	Person to	Contact:	÷				4 7
460					FAX#:	<u></u>			Customer Acco	unt Number v	vith TPS:
, a	TORRANCE, CA		<del>)</del> (	JSA					100036	3	i,
And the state of t	Consultant's Name and Bill  ALTON GEOSCI				Consulta	nt's Phone	#:				
	25 A TECHNOL	OGY DRIVE,	STE. 20	2	Person to	Contact:					
					FAX#:				Customer Acco	unt Niumber v	with TPS:
4	IRVINE, CA S	2718	1	USA	170,74				100186		vidi 11 5.
	Generation Site (Transport t	from): (name & address)			Site Phor	re #:			BTEX Levels		
7	MOBIL OIL PR	RODUCTION F	IELD		Pornan to	Contact:			TPH		
-   -	10607 NORWAL	K BLVD				7E PA	Ω		Levels		. ]
sultant					FAX#:	EIA	<u> </u>		AVG.		
onst	SANTA FE SPE	•	USA					Levels			
O	Designated Facility (Transp			Facility I		0.004		Facility Permit	Numbers		
and/or	TPS TECHNOLO				-862- o Contact:	8001	· · · · · · · · · · · · · · · · · · ·				
	12328 HIBIS	CUS AVE.			1		. BAR	TLET	Ť		
Generator	ļ				FAX#:						
ner	Adelanto, CA			USA		-246-				IC ED. ID V	
ge	Transporter Name and Mai	**			1 '	rter's Phon れ) タク	e± 7-136	7	Transporter's l	ля плик. <b>965754</b> :	1
	10120 W. FRO					o Contact:	, 100	<del>'</del>	Transporter's I		
11	1				RON	BENS	ON		1958		
	SOUTH GATE,	CA 90280		USA	FAX#:	2) 80	6-185	9	Customer Acco		with TPS:
	Description of Soil	Moisture Content	Contaminated	by: Appro	x. Qty:	Descrip	tion of Del	ivery	Gross Weight	Tare Weight	Net Weight
	Sand 🗔 Organic 🗔 Clay 🖫 Other 🗔	0 - 10% Q 10 - 20% Q	Gas □ Diesel □				٠		79080	28000	51080
		20% - over 🔾 0 - 10% 🔾	Other 🗅						1 1080	28000	51080
	Sand: D Organic D Clay D Other D	10 - 20%	Diesel D								25.54
	List any exception to items list	<del></del>	1		l		307	148	,	<u> </u>	
1, 2 A K t.	Generator's and/or cons	sultant's certification	IMAle cortifu tha	t the soil r	oforoncod	horoin is			those soils desi	rihed in the	Soil Data
5	Sheet completed and cer	rtified by me/us for the	Generation Site	e shown al	ove and i	nothing h	as been ad	ded or de	one to such soil	that would	alter it in
	any way.				AA		A/		······		
	Print or Type Name:	Generator D	Consultant	Si Si	glaturt and	date:	1/		•		22 98
	Transporter's certificati	7 7 9 -	e receipt of the	soil descri	bed above	and certi	fy that su	ch soil i	s being delivere	ed in exactly	
Transporter	condition as when rece	ived. I/We further ce	rtify that this so	oil is being	directly	transport	ed from th	e Gener	ation Site to th	ıe Designate	d Facility
usu	without off-loading, add			Je		dotor				Month	Day Year
12		12 TA	BAML	of!	gnature and	72	ax		llen	17	27 98
	Discrepancies:								R	······································	
Recycling Facility					~						
3 3	Recycling Facility certifi	es the receipt of the soil	covered by this m	anifest exc	ept as note	ed above:					
3	Print or Type Name. D. Bartlett		J	X	ignature and			$\frac{1}{f}$	1		
	m. partiett	./ DENIUN		1	11	$\mathcal{L}$	· ' <i>X</i>	127	1a0		
		T. 72-71-69 20 20 20 20 20 20 20 20 20 20 20 20 20	-2		<u></u>	-47	/	U	1 [ 1 ]		
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	Date of Shipment:	Responsible for Pa Generato	ayment: Y	Transport	Truck #	8	Facility #: A07		ven by TPS: <b>0998</b>		Load #   032	
	Generator's Name and Billing Ad	ddress:	<del></del>	·	Genera	or's Phone	#:	ĺ	Generator's US	EPA ID No.		
	MOBIL OIL CORP	ORATION					2-1857	7 ·				
	3700 W. 190TH.	STREET -	TPT2		Person	to Contact:			•		*	
	TORRANCE, CA 9		•	USA	FAX#:				Customer Accord 100036		rith TPS:	
	Consultant's Name and Billing A				Consul	tant's Phon	e #:					1
	ALTON GEOSCIEN 25 A TECHNOLOG		STE. 20	90	Person	to Contact:				· · · · · · · · · · · · · · · · · · ·		
	IRVINE, CA 927	718		USA	FAX#:				Customer Acco		vith TPS:	
	Generation Site (Transport from)	): (name & address)			Site Ph	one #:						
	MOBIL OIL PROD	OUCTION FI	ELD						BTEX Levels			
<del>=</del>	10607 NORWALK	BLVD			1	to Contact:			TPH T Levels	Ş.		
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ารแ	SANTA FE SPRIN		670	USA					Levels			
	Designated Facility (Transport to					Phone #:  -862=	-8001		Facility Permit	Numbers		
o/pc	TPS TECHNOLOGI				Person	to Contact:						10
or a	12326 MIBIBOUS	S AVE.			DAF FAX#:	REN F	R. BAR	TLET	<b>T</b>			
Generator and/or	Adelanto, CA 9			USA	760	-246-						
Ge.	Transporter Name and Mailing W.A. WOODS INI					orter's Pho .Ø) 92	ne#: 2 <b>7-136</b>	7	Transporter's U	IS EPA ID No. <b>965754</b> :		
	10120 W. FRON	TAGE ROAD				to Contact			Transporter's I			
	SOUTH GATE, CA	A 90280		USA	FAX#:	.0) 80	06-185	9	Customer Acco 10002	ount Number ( 38	with TPS:	
-	Description of Soil	Moisture Content	Contaminated		ox. Qty:	Descri	ption of Deli	ivery	Gross Weight	Tare Weight	Net Weight	
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	List any exception to items listed abo	ove:				***************************************	3075	2		•		
	Generator's and/or consulta Sheet completed and certifie any way.											48.00 (49.00)
	First of Type Name:	Generator 🗅	Consultant	9	iighaylingar	d day:	lla	act.	rt-Moai		Day Year <b>22</b> 98	STANSON STANSON
ter	Transporter's certification:	I/We acknowledge	receipt of the	soil descr	bed abou	e and ceri	tify that su	n soil is	being delivere	d in exactly	the same	200
por	condition as when received without off-loading, adding							e Generi	ation Site to th	e Designate	а ғасшіу	6.194me32
Transporter	Print or Type Name:	~ <i>C C</i>			Signature	date:	·	27		Month	Day Year	4
H	Discrepancies:	95 1-	3015	<u> </u>							<u></u>	1
ility												Tar Monday
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Sull	Recycling Facility certifies th	e receipt of the soil o	covered by this	manifest ex	cep xas no	ted above:						1
Recycling Facility	Print or Type Name: D. Bartlett/D	. BENTON			Signature a	nd date	7/2	2/	78			Section of the sectio
2.700		Carried States	4		<del>\</del>	-	E SWE	(	<i>()</i>			

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	П	Date of Shipment:	Responsible for P Generato	ayment:		rter Truck #	ستليل	Facility #:		en by TPS:	<u></u>	Load#
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		MOBIL OIL COR						2-1857	·		·	
		3700 W. 190TH	. STREET -	TPT2		Person	to Contact:					1
Control of the second		TORRANCE, CA	9 <b>050</b> 9-2929	)	USA	FAX#:				Customer Acco		vith TPS:
Res Constant		Consultant's Name and Billing ALTON GEOSCIE				Consul	tant's Phon	ie #:				
·		25 A TECHNOLO		STE. 20	00	Person	to Contact:					
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, ,	ટું	Designated Facility (Transport	signated Facility (Transport to): (name & address)							Facility Permit	Numbers	
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- A - C	r and/or	12328 HIBISCU			to Contact REN I	R. BART	LET.					
١	enerator	Adelanto, CA	USA	FAX#: 760	-246	-8004						
ı	Gen	Transporter Name and Mailin		orter's Pho			Transporter's l					
	`		W. A. WOODS INDUSTRIES						7		965754	5
÷* +		10120 W. FRON	ITAGE ROAD				to Contact			Transporter's I	OOT No.:	
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l		SOUTH GATE, C	CA 90280		USA		.0) 8	26-1859	<del></del>	Customer Acco 10002	,	
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		Generator's and/or consul Sheet completed and certij any way.										
AND AND		Print or Type Name:	Del Generator a	Consultant	a	September and	d date:	1 age	NT -	MUBIL	Month	12   Year 12   78
e desprisores	Transporter	Transporter's certification condition as when receive without off-loading, addin	ed. I/We further cer	ing directly	y transpoi	rted from the						
の大の	Tran	Printor Type Name:	yr./10			Signature ar	nd date:	Orc.	// =	•	Month 7	Day Year
- Company	Facility	Discrepancies:										
	Sull	Recycling Facility certifies	the receipt of the soil of	covered by this 1	nanifest e	except as 116	ted above:	)				
	Recycling	Print or Type Name: D. Bartlett/	D. BENTON			Signature a	nd date:	NE	w	1 7	-22-9	78

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		. Weinist	TP	S Techno	logies		_	cling		V Mani	fest# #	
Γ		Date of Shipment:	Responsible for P Generato		Transporte	r Truck #	-	Facility #:		en by TPS: 2998		Load # 0281
	·	Generator's Name and Billing MOBIL OIL COR 3700 W. 190TH	RPORATION	- ТРТ2		Genera	tor's Phone	2-1857		Generator's US	EPA ID No.	
		TORRANCE, CA	90509-2929	)	USA	FAX#:				Customer Accor		vith TPS:
Action of the second		Consultant's Name and Billin ALTON GEOSCIE 25 A TECHNOLO	ENCE	STF 20	a		tant's Phon		i.			
example 1		IRVINE, CA 92			USA	FAX#:				Customer Acco		vith TPS:
Non-Market		Generation Site (Transport fro		IELD	_	Site Ph	one #:			BTEX Levels		
W	Itant	10607 NORWALI	K BLVD				to Contact:			TPH Levels AVG.		
* 1	Consultant	SANTA FE SPR		0670	USA	Facility	Phone #:			Levels Facility Permit	Numbers	
	and/or	TPS TECHNOLOG 12328 HIBISCO				Person	to Contact: REN F		LETI	•		
investment)	Generator	Adelanto, CA Transporter Name and Mailin		······································	USA		-246-				PO POR UDAL.	
Steroomore Co.	Ge	W.A. WOODS II	NDUSTRIES			Person	orter's Pho O ) 92 to Contact	27-1367		Transporter's U CADØØ Transporter's I 1958	965754	
in the second		SOUTH GATE,			USA	FAX#:		06-1859		Customer Acco 10002	38	•
		Description of Soil  Sand D Organic D	0 - 10%	Gas 🖸	by: Appro	ox. Qty:	Descri	ption of Delive	·	Gross Weight		
		Clay O Other O Organic O	10 - 20%	Other O  Gas Diesel O			·····			78180	31540	72 22
		Clay 3 Other 0  List any exception to items listed	20% - over 🗅 above:	Other 🔾			:	30754			<u>.</u>	65.76
		Generator's and/or consu. Sheet completed and certi any way.										
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A CONTRACTOR	Recycling I	Recycling Facility certifies	the receipt of the soil	covered by this m								
	Recy	Print or Type Name: D. Bartlett/	D. BENTON		S	ignature a	nd date:	13	114	7 7	-22-2	ින

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	D.	ate of Shipment:	Responsible for Pa Generato	ayment: Y	Transpo	orter Truck #	90	Facility #: AØ7	ľ	en by TPS: <b>09</b> 98		Load #   #   086
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		3700 W. 190TH		. ጥውጥሩን		}	o Contact:	2-185				
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	1	25 A TECHNOLO	GI DRIVE,	SIE. Z	שט.				İ			
	]	IRVINE, CA 92°	718		USA	FAX#:				Customer Acco 10018		vith TPS:
(B) (B) (B) (B) (B) (B) (B) (B) (B) (B)	G	eneration Site (Transport fron	n): (name & address)			Site Ph	me#:			BTEX Levels		
	1	10BIL OIL PRO		IELD		Person	to Contact:			TPH		
1 2	1	10607 NORWALK	BLVD			1	VE PA			Levels		
ulta	1		uee e. e.	2000		FAX#:				AVG. Levels		
Consultant		BANTA FE SPRI Designated Facility (Transport		0670	USA	Tr	Phone #:			Facility Permit	Marghan	
	1	rps Technolog				-	-862-	-8001		Lacuty Letun	Numbers	
and/or	1	12328 HIBISCU					to Contact:					7.5 18 2.6 2.6
	'	12326 HIBISCO	S AVE.			<u> </u>	REN F	R. BAR	TLET	T		
Generator	1_	Adelanto, CA			USA		-246-			İ — — — — — — — — — — — — — — — — — — —		
g		ransporter Name and Mailing W. A. WOODS IN					orter's Pho の) 92	ne #: 2 <b>7-136</b>	7	Transporter's U	965754	*
1	1	10120 W. FRON					to Contact			Transporter's I		
]						<del></del>	BENS			1958		
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		Description of Soil	Moisture Content	Contaminated		oprox. Qty:	Descri	ption of Del	livery	Gross Weight	Tare Weight	Net Weight
		Sand I Organic I Clay I Other II	0 - 10%	Gas 🖸 Diesel 🗅 Other 🗅	,	17 va	S			79640	30860	48790
		Sand 🔾 Organic 🔾	0 - 10% 🗀 10 - 20% 🖫	Gas 🗅 Diesel 🗅								74.29
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	ľ	cist any exception to tiems listed a	.bove.				5	0755				
	١	Generator's and/or consult Sheet completed and certif any way.	tant's certification: ied by me/us for the	I/We certify th Generation S	at the so ite showi	nil reference n abooe and	l herein is nothing l	taken entir has been ad	ely from ded or do	those soils desc one to such soil	cribed in the that would	Soil Data alter it in
	ŀ	Print of Type Name:	Generator 🗅	Consultant	۵	Signatur an	d date:	#/			Month	Day Year
orter -	1	Christer				11/	AND	11		NT-MOB		22 98
þ		Transporter's certification condition as when receive	: I/We acknowledge d I/We further co	e receipt of the	soil des	scribed abou	e and ceri	tify that su ted from tl	ch soll is he Cener	s being delivere ation Site to th	ed in exactly ne Designate	the same d Facility
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Facility												
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<b>3</b> 8		Recycling Facility certifies t	the receipt of the soil o	covered by this	manifest							
Becycling Facility	(neu	Print or Type Name: D. Bartlett/	D. BENTON			Signature a	na date:	16	311	A -	2-22-2	78
		a a company				1/2				/		

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\$ 5 5	Date of Shipment:	Responsible for P. Generato	ayment:	Transp	order Truck	11	Facility #:		ven by TPS:		Load#
4	J-11-70	1	1		/-/	<u> </u>	A07	1	.0998		<b>0</b> 37
	Generator's Name and Billing Ad				Genera	tor's Phone	#:		Generator's US	EPA ID No.	
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	MOBIL OIL CORP					to Contact:	<u>.2-1857</u>	7			
100	3700 W. 190TH.	STREET -	TPT2		Person	to Contact:					1
	·				FAX#:				Customer Accor	unt Number w	rith TPS:
	TORRANCE, CA 9	0509-2929	)	USA					100036	3	
	Consultant's Name and Billing			·.	Consu	ltant's Phon	e#:				
	ALTON GEOSCIEN				<u> </u>			<del></del>			
	25 A TECHNOLOG	SY DRIVE,	STE. 20	00	l'ersor	to Contact:					
					FAX#:				Customer Acco	unt Number w	rith TPS:
5	IRVINE, CA 927	18		USA					100186	55	
	Generation Site (Transport from	): (name & address)			Site Pl	ione #:			BTEX		
	MOBIL OIL PROD	OUCTION FO	IELD		ļ. <b></b>			_	Levels		
	10607 NORWALK	BLVD				to Contact:			TPH Levels		
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Ö	Designated Facility (Transport to	o): (name & address)			Facilit	y Phone #:		<del></del>	Facility Permit	Numbers	
ó	TPS TECHNOLOGI	IES INC.				<del>)-862-</del>					
and	12328 HIBISCUS	S AVE.			1 '	n to Contact PRFN F	: R. BAR'	דיבוד	<b>T</b>		
ō					FAX#				-		
erai	Adelanto, CA 9	92301		USA	1	a-246-	-8004				
Generator and/or Consultant	Transporter Name and Mailing				Trans	porter's Pho	one #:		Transporter's U	JS EPA ID No.	Ī
	W.A. WOODS IN						27-136	<u> </u>		9657545	5
`	10120 W. FRON	TAGE ROAD				n to Contact			Transporter's I	OI No.:	
100000					FAX#	N BENS			1958 Customer Acco	ount Number	with TPS:
ŝ	SOUTH GATE, C.	A 90280		USA	4 (3	10) 80	26-185	9	10002	38	
	Description of Soil	Moisture Content	Contaminated	i by: A	Approx. Qty:	Descri	iption of Deli	very	Gross Weight	Tare Weight	Net Weight
2000	Sand 🔾 Organic 🔾	0 - 10% 🖸 10 - 20% 🖸	Gas Diesel D						Ciai	79112	47110
	Clay Other O	20% - over 🔾	Other 🔾					_	80260	2/660	50ka
	Sand Organic I	0 - 10% □ 10 - 20% □	Gas Diesel D								25-30
1	Clay O Other I  List any exception to items listed ab	20% - over □	Other 🔾				62.0			<u>L</u>	<u> </u>
	List any exception to items used an					6	DISG	·			
	Generator's and/or consulta	ınt's certification:	I/We certify th	at the s	soil reference	d herein is	taken entire	ely from	those soils desc	ribed in the	Soil Data
	Sheet completed and certifie	ed by me/us for the	: Generation Si	te shov	vn above an	d nothing	has been add	led or d	one to such soil	that would	alter it in
	any way.  PrimorType Name:	Generator 🖸	Consultant	<u> </u>		ud dates 1		.—.		1 , Month	Day Year
	Merich). hh	OP	Consultant	u	Signatur a		Un.	000	NT-Mob.	117 2	22 98
٦	Transporter's certification:	I/We acknowledge	e receipt of the	soil de	escribed abo	ve and cer				d in exactly	the same
or s	condition as when received	. I/We further ce	rtify that this :	soil is l	being direct	ly transpoi	rted from th	e Gener	ation Site to th	ie Designatei	d Facility
Transporter	without off-loading, adding	to, subtracting fro	om or in any w	ay dela	<del></del>		site.			NA. II	Day Von-
Tra	Print of type Name:	DEVI	<b>)</b>		Signalure		/Xxx	7.	·	Month	228
	Discrepancies:		:				week				
ecyclina Facility	` <b>f</b>						-				
ac											
ŏ	Paraline Facility (C. 1)	a raceint of the co	annama d Inc. (1.5)		t avant	atad de	-2			<del></del>	<del></del>
ecycling Facility	Recycling Facility certifies the		cooerea by this	nunijes	Signature		·'			<del></del>	
jec 1	D. Bartlett/D	. BENTON			S.G. Iaiture				( 51	M	7-22-9

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PROSESSES.

STANDAL TELESTICANO SENDENCIA

	September 1		S Techno No	_	rdous So	-	,5		e Addinii	est e	
	Date of Shipment:	Responsible for P	ayment:	Transpo	rter Truck #		Facility #:	Giv	ven by TPS:		Load #
ı		Génerato	r	6	9-00	7/	A07	1	<b>0</b> 998		ø35
7	Generator's Name and Billing a	Address:				or's Phon	ie #:		Generator's US	EPA ID No.	
	MOBIL OIL COR	PORATION			(31	0) 2:	12-1857	7			
	3700 W. 190TH	. STREET -	TPT2		Person	to Contact	t:				
	TORRANCE, CA	90509-2929	<b>)</b>	USA	FAX#:				Customer Ассон 100036		rith TPS:
ŀ	Consultant's Name and Billing	Address:			Consul	ant's Pho	ne #:		100000	, ,	
	ALTON GEOSCIE										,
	25 A TECHNOLO	GY DRIVE,	STE. 20	00	Person	to Contac	t:				
	IRVINE, CA 92	718		USA	FAX#:				Customer Accou		vith TPS:
	Generation Site (Transport from		·		Site Ph	H.	<del> </del>		BTEX	) -J	
	,		ר דיני ולי		. Site I'ii	one #.			Levels		
1	MOBIL OIL PRO		にことり		Person	to Contac	 :t:		TPH		
ξĺ	10607 NORWALK	. BLAD			STE	VE P	AO	• .	Leveis		
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	Designated Facility (Transport				1 '	Phone #:	-8001		Facility Permit	numbers	
and/or	TPS TECHNOLOG				<u>;                                    </u>	to Contac					
ä	12328 HIBISCU	IS AVE.			1		R. BAR	TLET	<b>†</b>		
ğ					FAX#:						
era	Adelanto, CA			USA	1		-8004				ــــــــــــــــــــــــــــــــــــــ
Generator	Transporter Name and Mailin	···			1 .	orter's Ph		_	Transporter's U		
,	W.A. WOODS IN					to Conta	)27-136	7	Transporter's D	965754	<u> </u>
	10120 W. FRON	NIAGE KUAD			1	BEN			1958		
					FAX#:				Customer Acco	unt Number	with TPS:
	SOUTH GATE, C	Moisture Content	Contaminate	USA			ription of Del		Gross Weight		Net Wei
	Description of Soil	0 - 10%	Gas		prox. Gry.	Deac	Aption of De	ivery			-
	Sand D Organic D Clay D Other D	10 - 20% ☐ 20% - over ☐	Diesel 🗅 Other 🗅						91760	3010	309
	Sand   Organic   Organic   Other   Other	0 - 10% 🖸 10 - 20% 🗓 20% - over 🗇	Gas Diesel Dother D	ļ					ii -		309
	List any exception to items listed a	l	1				3075	7-			
	Generator's and/or consul	ltant's certification:	I/We certify th	at the so	il reference	d herein	îs taken entir	ely from	those soils desc	ribed in the	Soil Date
	Sheet completed and certif	pea by me/us for the	: Generation S	ite snowi	n abooe and	i noining <b>/</b>	tus been uu 	иеи от и	one to such son	mar womu	utter if i
1	Print of Type Name:	bbell Generator	Consultan	1 0	Signatura	id date	lelle	age	UT- Wol	1 :	22 9
. 1	1 01 - 01	1. I/We acknowledo	e receipt of the	e soil des	scribed above	ve and ce	ertify that su	ch <del>s</del> oil i	s being delivere	d in exactly	the sam d Facilit
	Transporter's certification condition as when receive	ed. I/We further cer	rtify that this	SOU IS DE	етпу ангесы	y trunsp	orieu jrom ir				
nsporter -	Transporter's certification condition as when receive without off-loading, addir	ed. I/We further cer	rtify that this om or in any u	oay delay	ing deliver	y to such	orieu jrom ir i site.	×		Month	Day ,
Transporter	Transporter's certification condition as when receive without off-loading, adding Print or Type Name	ed. I/We further center to subtracting from	om or in any u	yay delay	ing deliver Signature a	y to such	ortea from tr i site. De Ho	A		Month	Day
	condition as when receive without off-loading, addin	ed. I/We further center to subtracting from	om or in any u	sou is be	ing deliver	y to such	orteu from tr a site.			Month	Day 2
	condition as when receive without off-loading, addin	ed. I/We further center to subtracting from	om or in any u	sou is be	ing deliver	y to such	a site.	D		Month	Day 9
Recycling Facility Transporter	condition as when receive without off-loading, adding Print or Type Name Discrepancies:	ed. I/We further center to subtracting from	om or in any w	vay delay	Signature a	y to such	n site.	<b>A</b>		Month	Day PZ

T	Date of Shipment:	Responsible for Pa Generato		azardous S sporter Truck		Facility #:	Given by	y TPS:	CONTRACT OF STREET	Load
	•	Génerato	ŕ		87	A07	1099			<b>0</b> β4
	Generator's Name and Billing MOBIL OIL CO	,			rator's Pho	ne #: 212-1857	1	erator's US	EPA ID No.	
١	3700 W. 190T		TDTO	<b>——</b>	n to Contac				· · · · · · · · · · · · · · · · · · ·	
l	3/00 W. 13011	n. Sireel -	1712	1 6150			ļ			
١	TORRANCE, CA	90509-2929	us	A FAX#	:		ļ		int Number w	rith TPS
L	Consultant's Name and Billir	<b>==</b> .;		Cons	ultant's Pho	one #:	1 1	.00036	,3	
I	ALTON GEOSCI	•								
١	25 A TECHNOL	OGY DRIVE,	STE. 200	Perso	n to Conta	ct:				
١				FAX#	<u> </u>		Cus	tomer Accor	unt Number w	vith TPS
L	IRVINE, CA 9		US	A				100186	55	
ı	Generation Site (Transport fr			Site I	hone #:		BTE Leve			
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ı	10607 NORWAL	K BLVD		{	EVE F		Levi	-		
				FAX	ł:		AVC Lev	-		
ļ	SANTA FE SPR  Designated Facility (Transpo		0670 US		ity Phone #	4.	}	ility Permit i	Viumbore	
- 1	TPS TECHNOLO				-	2-8001	Fac	my remine	, vuinders	
	12328 HIBISC				on to Conta					
	12020 1110100	OD AVE.				R. BART	LEII			
	Adelanto, CA	92301	us	FAX 5 <b>A 7</b> E		5-8004	Ì			
	Transporter Name and Mail	ing Address:			sporter's P				IS EPA ID No.	
,	W.A. WOODS I					927-1367			9657545	5
	10120 W. FRO	NTAGE ROAD			on to Cont ON BEI		1	nsporter's D 1958	OT NO.:	
1	SOUTH GATE,	CA 00300	บร			806-1859			ount Number 1 38	with TF
	<u> </u>			1		cription of Deliv			Tare Weight	<del> </del>
	Description of Soil	Moisture Content	Contaminated by:	Approx. Gry	Des	Cription of Deliv	ery Git			<del> </del>
	Sand 🗔 Organic 🗅 Clay 🖸 Other 🗅	10 - 20% 🗀 20% - over 🖸	Diesel ☐ Other ☐					3320	27780	524
	Sand  Organic	0 - 10% 🔾 10 - 20% 🗓	Gas 🗅 Diesel 🗅						27780	26
	Clay 3 Other 3	20% - over 🗔	Other 🖸			30758			<u> </u>	
	Generator's and/or const Sheet completed and cer	ultant's certification:	I/We certify that the	e soil referen	ced herein	is taken entirel	ly from thos	e soils desc	ribed in the	Soil D alter it
	any way.	igica by merus for the	Centration Site Si	- M		Λ ,	, a or norto to	5 54072 5572		
	Punt or Type Name:	Generator 🖸	Consultant 🔾	Signature	and date:	1//	ـــب	- n/ ,		Day
	UNKIS WEL	obel		- $M$	<u>-///بو</u>		gen 1-			[ عمال
ē	Transporter's certification condition as when recei	on: I/We acknowledg ved. I/We further cei	e receipt of the soil rtify that this soil i	described at s being direc	ove and c tly trans	ertify that such ported from the	≠soil is beii : Generatior	18 denvere 1 Site to th	a in exactiy ie Designate	d Facil
Spo	without off-loading, add	ing to, subtracting fro	om or in any way d	elayin(8 <b>y</b> leliv	ery to suc	h-site f	0	<i>[</i>		
Transporter	Print or Type Name:	OSAREFF	_	Signature	and days:	Kusa	aneki	,	Month	Day 22
_	Discrepancies:	[[ [ ] ]			· · · · ·	7. 00 000	<del> ///</del>	<u></u>		
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ecycling Facility	1									

19-10			TP:	S Techno	_		_	cling			77616	
	COMPANY SANDONIA	Bliest	Er an Er ander Kalendarinder and A			ardous So				V Manif	est in X	
	Date of Shipm		Responsible for Pa Generato	ayment: Y	`	orter Truck #		Facility #:		en by TPS:		Load #
A Company of the Comp	7-22-					3-27		A07	. 1	0998		042
T. Carlot	•	me and Billing					or's Phone		<del>.,</del>	Generator's US I	EPA ID No.	
Sk/grades			PORATION	ም በነም ረጉ	.*		to Contact:	12-1851	/	 i		
# N	3700 W	. 190TH	. STREET -	11712		reison	ic Columbia			,		•
<b>を</b>						FAX#:				Customer Accou	int Number w	ith TPS:
\$ 1200 1000	TORRAN	CE, CA	90509-2929		USA					100036	3	
A TOTAL CONTRACTOR		lame and Billing				Consul	ant's Phor	ne #:	,			
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	25 A T	ECHNOLO	GY DRIVE,	STE. 20	90	reison	to Comaci	•				
	ļ					FAX#:				Customer Accou	unt Number w	rith TPS:
		, CA 92			USA					100186	55	
	1		m): (name & address)	•		Site Ph	one#:			BTEX Levels		
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=	10607	NORWALE	K BLVD				VE P			Levels		
Itar						FAX#:	· • · · · ·	<u> </u>		AVG.		
Consultant	1		INGS, CA 90	0670	USA					Levels		
હ	Designated Fa	icility (Transpor	t to): (name & nádress)				Phone #:			Facility Permit	Numbers	•
and/or	TPS TE	CHNOLO	GIES INC.				1-862 to Contac	-8001 -				
anc	12328	HIBISCU	JS AVE.					R. BAR	TLET	Ť		
ğ	1					FAX#:						
Generator	Adelan	to, CA			USA			-8004		<u> </u>		
ě	Transporter N	lame and Mailin					orter's Ph	one #: <b>27-136</b>	7	Transporter's U	IS EPA ID No. 965754:	
١,	1		NDUSTRIES NTAGE ROAD			<del></del>	to Contac			Transporter's E		
	10120	W. PRU	MINGE RUAD			ROI	BEN	SON		1958		
	SOUTH	GATE (	CA 90280		USA	FAX#	(A) A	06-185	9	Customer Acco	ount Number	with TPS:
	ļ	ion of Soil	Moisture Content	Contaminate		<u> </u>		ription of De		Gross Weight		
	<u> </u>		0 - 10%	Gas 🖸		approx. Gry.	Desci	inplication of De	iivery			
	Sand 🖸 Clay 🖸	Organic 🗅 Other 🗀	10 - 20% ☐ 20% - over ☐	Diesel 🔾 Other 🔾						17960	31020	46940
	Sand 🖸 Clay 🗓	Organic 🔾 Other 🔾	0 - 10%	Gas Diesel D	- 1							2347
	List any except	ion to items listed	<del></del>		,			3076	5	<u>,</u>		
	Generator's	and/or consu	ltant's certification:	I/We certify th	at the s	soil reference	d herein i	s taken entii	ely from	those soils desc	ribed in the	Soil Data
	Sheet comp any way j	leted and cert	ified by me/us for the	: Generation S	ite shov	wn above an	i nothing	has been ad	ded or d	one to such sou	that would	aner n m
	Punt of Type I	Vame:	Generator 🖫	Consultan	t 3	Signature a	nd date: 1	-//-	~-		• Month	Day Gear
			BBR			1/	ハシィ	WI a	gen	T. Mobi	717	2278
1		r's certification	n: I/We acknowledo	e receipt of th	e soil d	escribed abo	ve and ce	rtify that su	ch soil i	s being delivere	ed in exactly	the same
	condition a	is when receit Lloading addi	oed. I/We further ce ng to, subtracting fro	rtify that this	soil is l	being direct. wing delive	ly transpo	orted from ti	he Gener	ration Site to th	ie Designate	а ғасину
ide off	Transporter condition a without off Print or Type 1		ng to, subtructing fr	- in ung c		Signature a		711 5	2/	- <i>(</i> , —	, Month	Day Yea
្ស៊ី	\$	11/4	RK Fr	VC.			9	MOL	$\mathscr{U}$	XX	7	27 9
	Discrepancies:	:		ý <del>l</del>			,		•			-
	Facility							つ				
		acility certifies	the receipt of the soil	covered by this	manifes	st except as A	oted above	<u>.</u> :				
	Print or Type	Name:				Signature		118		<u> </u>	7-2- /	7/3
3	D. Ba	rtlett	D. BENTON					W	X	7	7-22-9	$\mathcal{O}$

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		Contraction of the Contraction o			dous So		<u> </u>				ON SHEET STREET, SHEET,
	Date of Shipment:	Responsible for F	'ayment: DY	-	ter Truck # - 5 O	÷	Facility #:		ven by TPS:	1	Load #
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ξ,	Generator's Name and Billing	•	•		1	tor's Phone			Generator's US	EPA ID No.	Ē
	MOBIL OIL COR	•	<b>5</b> 55 <b>5</b> 55			to Contact:	2-1857	/	· · · · · · · · · · · · · · · · · · ·	·	
	3700 W. 190TH	. STREET -	- TPT2			to comuci					• •
Park a series	TORRANCE, CA	9 <b>050</b> 9-2929	€ .	USA	FAX#:				Customer Accord		rith TPS:
	Consultant's Name and Billing	g Address:			Consul	tant's Phone	e #:				- · · · · · · · · · · · · · · · · · · ·
	ALTON GEOSCIE	NCE									
	25 A TECHNOLO	GY DRIVE,	STE. 20	0	Person	to Contact:					
	IRVINE, CA 92	2718		USA	FAX#:				Customer Acco		vith TPS:
	Generation Site (Transport fro	m): (name & address)			Site Pt	one #:			BTEX		
	MOBIL OIL PRO	DUCTION F	IELD						Levels		
	10607 NORWALH					to Contact:			TPH Levels		
Consultant		_			STE FAX#:	EVE PA	10		AVG.		
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Con	Designated Facility (Transpor				Facilit	y Phone #:	*****		Facility Permit	Numbers	
	TPS TECHNOLOG	SIES INC.			800	0-862 <del>-</del>	-8001				
ana/or	12328 HIBISCU					to Contact:		~ ~			
2					FAX#:		R. BAR	1 LE i	1		
Generator	Adelanto, CA	92301		USA		0~246-	-8004				
ene	Transporter Name and Mailir		· · · · · · · · · · · · · · · · · · ·			porter's Pho		• • •	Transporter's U	JS EPA ID No.	:
5	W.A. WOODS II	NDUSTRIES			(3:	10) 92	27-136	7		965754	5
	10120 W. FRO	NTAGE ROAD			1	to Contact			Transporter's I	DOT No.:	
					ROI FAX#	N BENS	SON		1958 Customer Acco	ount Number	with TPS:
	SOUTH GATE,	CA 90280		USA	î că.	10) 80	06-185	9	10002	38	
	Description of Soil	Moisture Content	Contaminated		prox. Qty:	Descri	ption of Del	very	Gross Weight	Tare Weight	Net Weigh
	Sand  Organic  Other  Other	0 - 10%	Gas Q Diesel Q Other Q				·		76200	3120	45000
	Sand D Organic D Clay D Other D	0 - 10%	Gas 🖸 Diesel 🖸								22.5
	List any exception to items listed	20% - over 🔾 above:	Other 🖸			3	0766		.1	<u> </u>	L
	Generator's and/or consu	ltant's certification:	I/We certify tha	it the soi	l reference	d herein is	taken entir	ely from	those soils desc	cribed in the	Soil Data
	Sheet completed and certi	fied by me/us for the	e Generation Sil	te shown	above an	1 nothing t	rap been add	ied or d	one to such soil	that would	aiter it in
	Pfin or Type Name:	Generator 🖸	Consultant	<u> </u>	bigratty je a	act plate:	<i>                                     </i>			1 Month	Day Yea
ŧ	11 heis Web	per			1/	HJJ/	Ma	900	T- Mobil	1 7	22 9
er	Transporter's certification	ı: I/We acknowledg	re receipt of the	soil desc	Abed abo	ve and cert	tify that suc	ch soil i	s being delivere	ed in exactly	the same
Transporter	condition as when receiv without off-loading, addit							e Gener	ation Site to th	ie Designate	а насину
isue	Print or Type Name:				Signature a	nd date:		^	·· <del>·</del>	Month	Day Yea
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	Discrepancies:					· ·					
IIITY	`I										
ecycling Facility									•		
Recycling Facility	Recycling Facility certifies	the receipt of the soil	covered by this n	nanifect e	xcept as n	eted above			···		
VCII	Print or Type Name:				Signature a		<u>",</u>		7		
Sec	Print or Type Name: D. Bartlett/	D. BENTON			_			21	4	1-72-	98

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Generator's Name and Billing	Address:		Generato	r's Phone	#:	. (	Generator's US EI	PA ID No.	
MOBIL OIL CO	RPORATION		(310	)_21	2-1857	Z	•		
3700 W. 190T		TPT2	Person to	Contact:	:	-			Ĝ
			FAX#:				Customer Accour	t Number wil	h TPS:
TORRANCE, CA	90509-2929	USA				İ	100036	3	
Consultant's Name and Billin			Consult	int's Phor	ne #:				
ALTON GEOSCI				<u>,,</u>					
25 A TECHNOL		STE. 200	Person t	o Contact	t:	ļ			1
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IRVINE, CA 9	2718	USA				Ì	100186		
Generation Site (Transport f			Site Pho	ne #:			BTEX		
MOBIL OIL PR		ELD					Levels		
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1060/ NORWAL	A PLVD		STE FAX#:	VE_P	<u> </u>		AVG.		
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Designated Facility (Transp		,6,76		Phone #:	· · · · · · · · · · · · · · · · · · ·		Facility Permit	Vumbers	
TPS TECHNOLO			<u> </u>		-8001				
12328 HIBISO				to Conta	ct: R. BAR	RTLET	T		
12320 110130			FAX#:	******					
Adelanto, C	4 92301	us		-246	-8004				
SANTA FE SPE Designated Facility (Transp TPS TECHNOLO 12328 HIBISO Adelanto, CA Transporter Name and Ma		-	Transp	orter's P	none #:		Transporter's U		
W. A. WOODS	INDUSTRIES				927-136	57	Transporter's D	9657545	<u> </u>
10120 W. FR	ONTAGE ROAD			to Conta			1958	701 (10	
			EAY#		NON		Customer Acco	unt Number	with TPS:
SOUTH GATE,	CA 90280	US			306-18		10002		Not Woigh
Description of Soil	Moisture Content		Approx. Qty:	Des	cription of De	elivery	Gross Weight		
Sand ① Organic □ Clay ② Other □	0 - 10%	Gas 🖸 Diesel 🖸 Other 🖫	17 YA	7_			77860	27060	48000
Sand 3 Organic 3	0 - 10%	Gas 🖸 Diesel 🖸	1						24.00
Clay Other O	20% - over 🗅	Other 🖸		·	30768		<u> </u>		
Generator's and/or con	sultant's certification:	I/We certify that th	e soil referenc	d horoin	is taken ent	tirely fron	those soils des	cribed in the	Soil Data alter it in
Sheet completed and co	sultant's certification: ertified by me/us for the	e Generation Site st	iown above an	и потпи	ig ius feen a	iduta or a	ione to butter box		
Print of Type Name:	Generator 🔾	Consultant 🗅	Bighatule	nd date	1/		- 11	Month	Day Yea
11 14/36 \	GBUR Generator		11/	Ave	W190	genT	-MOBIL	$\frac{1}{1}$	16 70
7/1		ge receipt of the soil	l described abo	ve and	certify that s	such soil	is being deliver ration Site to t	ed in exactly he Desionali	trie sume
condition as when red	tion: I/We acknowleds eived. I/We further co dding to, subtracting fi	ertifu that this sou	is being allec	ty trans	porteu jiom	in Gene			
9)			Signature			, 2		Month	2 Pay   89
E (BAN 2	nmore 5M	jut t.D.		X	Den	10	me_		011
Discrepancies:	<del>سائن کے ایریں نہیں ہے۔</del>			-· — —		O.			
Illty									
Facility				_	7				
Recucling Facility cert	ifies the receipt of the soi	I covered by this man	ifest except as	noted abo	ve:				
Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:  Discrepancies:			Signatur	and date:			11	1 1.	2 90
D. Hartlet	t/D. BENTON		1 (	1	// :	Z/1	4	+ -C	-10

	«Mannies	TPS	Technolo		Soil R		ling		↓ Manife	si# U.	
t	ate of Shipment:	Responsible for Payr Generator	ment: Tran	isporter 1			Facility #: AØ7	10	n by TPS: )998		Load #   2 38
G. M	enerator's Name and Billing Ad 10BIL OIL CORP 3700 W. 190TH.	ORATION		(	Generator '	) 21	#: 2-1857		Generator's US EI	A ID No.	
7	TORRANCE, CA 9	ø5ø9-2929	us		FAX#:				Customer Account		n TPS:
C	Consultant's Name and Billing A	\ddress:			Consultan						
	25 A TECHNOLOG		STE. 200	 	Person to	Contact:	<u></u>		Customer Accou	nt Number wil	h TPS:
	IRVINE, CA 927		US	SA	Site Phon	se #:			100186 BTEX	5	
	Generation Site (Transport from MOBIL OIL PROI	DUCTION FI	ELD		Person to				Levels  TPH Levels	· · · · · · · · · · · · · · · · · · ·	
	10607 NORWALK			;	STEV FAX#:	E PA	40		AVG. Levels		
	SANTA FE SPRIME Designated Facility (Transport TPS TECHNOLOG 12328 HIBISCU	to): (name & address) IES INC.	670 U	SA	Person t	-862	-8001 r. BAR	TLET	Facility Permit N	lumbers	
	Adelanto, CA Transporter Name and Mailing W. A. WOODS IN 10120 W. FRON	g Address: IDUSTRIES	u	ISA	Transpo (31 Person	orter's Ph <b>(a)</b> 9 to Contac	27-136 tt	7	Transporter's CCAD009 Transporter's E1958	9657545	
	SOUTH GATE, C		t	JSA	<u> </u>	BEN Ø) 8	.50N .06-185	9	Customer Accord 10002	unt Number v 38	vith TPS:
	Description of Soil	Moisture Content	Contaminated b	y: Appr	ox. Qty:	Desc	ription of De	livery	Gross Weight		
	Sand 🖸 Organic 🗅 Clay 🔾 Other 🗅	0 - 10% 🖸 10 - 20% 📮 20% - over 🗔	Gas Diesel Diese				··		79440	29880	4956
	Sand II Organic II Clay II Other II	0 - 10%	Gas D Diesel D Other D				7 2 2 4 1				24.7%
	List any exception to items listed				ć	d leavaire	5076	rely from	n those soils des	cribed in the	Soil Data
	Generator's and/or consults Sheet completed and certically way.  Print of Type Name	Generator Q	Consultant	o	Agriatyre ar	nd date:	the	ace.	T-MOBI	Month	D V 196
orter	Transporter's certification condition as when receiv without off-loading, addi	and IMMO turther ce	errimi tnat inus Su	m is ven	IX much	y to suc	, , , , , , , , , , , , , , , , , , , ,			Month	Day Y
ası	Print or Type Name:	1/	)			Ju	y_		16M4	7	225
tv Transporter	Discrepancies:	140304	<del></del>		. (		U				
Escility	Discrepancies:					() 	2				

Ā		TP	S Techno	_	i <b>es Soi</b> l	_	cling		<b>V</b> Mani	fest# V	
39	Date of Shipment:	Responsible for P Generato		Transp	orter Truck	:	Facility #:		en by TPS: <b>0</b> 998		Load #
No.	Generator's Name and Billing MOBIL OIL COR	RPORATION		,	Genera	tor's Phone	e#: 12-1857		Generator's US	EPA ID'No.	7,5-1
	3700 W. 190TH				Person FAX#:	to Contact:	:		Customer Accor	unt Number v	vith TPS:
200	TORRANCE, CA		<del></del>	USA		tant's Phor	- u.		100036	53	
	Consultant's Name and Billin ALTON GEOSCIE 25 A TECHNOLO	ENCE	STE. 20	20		to Contact					
	IRVINE, CA 92			USA	FAX#:				Customer Acco 100186		vith TPS:
	Generation Site (Transport from MOBIL OIL PRO		ובוה		Site Ph	one #:			BTEX Levels		
arıt -	10607 NORWALI		LELD			to Contact			TPH Levels		
รู/บรเ	SANTA FE SPR	INGS, CA 90	a670	USA	FAX#:				AVG. Levels		
enerator and/or Consultant	Designated Facility (Transpor	GIES INC.			808	v Phone #: 0 - 862:	-8001		Facility Permit	Numbers	
afor an	12328 HIBISC				DAF	REN	R. BART	LLET.	<b>T</b>		
ener	Adelanto, CA Transporter Name and Maili			USA		0-246 porter's Pho	-8004 one #:		Transporter's U	JS EPA ID No.	.:
9	W.A. WOODS I 10120 W. FRO	NDUSTRIES			(3. Person		27-1363 tt	7		965754	
	SOUTH GATE,	CA 90280		USA			06-1859	9	Customer Acco	ount Number	with TPŞ:
	Description of Soil	Moisture Content	Contaminate	d by: A	pprox. Qty:	Descr	ription of Deli	very	Gross Weight	Tare Weight	Net Weigl
	Sand D Organic D Clay D Other D	0 - 10%	Gas Diesel DO Other D						79820	29200	5062
	Sand I Organic I Clay II Other II	0 - 10%	Gas Diesel D	1							25.3
	List any exception to items listed	above:		····		143	30772	,			
	Generator's and/or consu Sheet completed and cert any waff	ltant's certification: ified by me/us for the	I/We certify the Generation S	at the so	oil reference on above and	d herein is I nothing	s taken entire has been add	ly from led or do	those soils desc one to such soil	ribed in the that would	Soil Data alter it in
	Printor type Name:	Generator D	Consultant		Signature	$\mathcal{A}_{V_{\ell}}$			T-Mobi	Month 7	22 9
Transporter	Transporter's certificatio condition as when receiv without off-loading, addi	ved. I/We further ce	rtify that this	soil is b	eing directi ying deliver	y transpo y ty such	rted from the			ne Designate	
Trai	Print or Type Name:	TIND			Signature	erti date;	fete	<u> </u>		7 Month	ZZR
Recycling Facility	3				ć						
silna	Recycling Facility certifies	s the receipt of the soil	covered by this	manifest							
Recvi	Print or Type Name: D. Bartlett/	D. BENTON			Signature a	ind date:	13	1/	7-	23-94	3

a T				Techno	_	•		_	ling					
		ARIHHIEST .	A CONTRACTOR OF THE PARTY OF TH			zardou		s		332333343WEN	S STEELING		Load #	
	D:	ate of Shipment: $7-22-98$	Responsible for Pa Generator	yment: C		porter T	_	16	Facility #: AØ7		ven by TPS: 0998		Ø45 <sub> </sub>	
	G	enerator's Name and Billing A	ddress:					r's Phone		-	Generator's US E	PA ID No.		
		OBIL OIL CORF		TDTO		<u> </u>		Contact:	2-185	/				
	3	3700 W. 190TH.	SIREEI -	1712									-	1
	7	TORRANCE, CA S	90509-2929		USA		FAX#:				Customer Accou		ith TPS:	C. Control
	C	onsultant's Name and Billing	Address:			(	Consulta	nt's Phone	e #:					
	1	ALTON GEOSCIE		CTT O	20	}	Person to	Contact:						100
	1	25 A TECHNOLO	SY DRIVE,	SIE. Z	ovo	,	1 (150)	Commen						
		IRVINE, CA 92	718		US.		FAX#:				Customer Account 100186		ith TPS:	Cont.
	7	Generation Site (Transport from	n): (name & address)				Site Pho	ne #:			BTEX Levels			1
	ŀ	MOBIL OIL PRO	DUCTION FI	ELD		-	Person i	o Contact:			TPH			-
<u>~</u>		10607 NORWALK	BLVD					VE PA			Levels	<u> </u>		
ıllaı	1					i	FAX#:				AVG. Levels			1
Consultant	-	SANTA FE SPRI Designated Facility (Transport		670	US	A	Facility	Phone #:			Facility Permit	Numbers	···	1
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nd/c		12328 HIBISCU						to Contact	R. BAR	กาเกา	\ \T			۱
or a							FAX#:	1,1211			<del></del>			1
erat		Adelanto, CA	92301		បទ	A			-8004			, <del>.</del>		4
Generator and/or		Transporter Name and Mailin						orter's Pho	ne #: 2 <b>7-1</b> 36	:7	Transporter's U	IS EPA ID No. <b>365754</b> !		
		W.A. WOODS IN 10120 W. FRON						to Contact			Transporter's D			
	١	10120 W. PRON	TIAGE NOAD					BENS	SON		1958		TDC.	4
		SOUTH GATE, C	CA 90280		US	S A	FAX#:	Ø) 8	06-185	59	Customer Acco 10002	38		
		Description of Soil	Moisture Content	Contaminate	d by:	Approx	x. Qty:	Descr	iption of De	elivery	Gross Weight	Tare Weight	Net Weig	nt
		Sand 🔾 Organic 🔾 Clay 🔾 Other 🔾	0 - 10%	Gas C Diesel C Other C			-				80460	31240	4922	2_
		Sand 🗅 Organic 🗇	0 - 10%	Gas 5 Diesel 5			1						24/1	
		Clay O Other O List any exception to items listed	20% - over 🗅	Other C		1	l		2022			<u> </u>	7-61	
									30774		····			
(A. C.)		Generator's and/or consul Sheet completed and certi	tant's certification:	I/We certify t	hat th	e soil re	ference	l herein is Laothina	s taken enti has heen a	irely fron dded or i	n those soils desc done to such soil	cribed in the that would	Soil Data alter it in	
		Sneet completed and certif	nea by mejus jor tre	Generation	311¢ 311	/		I	11	aucu or c				
100		Print or Type Name:	Generator D	Consulta	nt 🗅	Sig	glanylog ar	d date:	//	2	T-MbB1	Month	Day Ye	i.
	_	heis We	BBL		- 7			<u> </u>	MC	IGEN Soil	ic hoing deliner	ed in exactly	the same	<u></u>
TO THE PROPERTY OF STREET, STR	rter	Transporter's certification condition as when received	ed. I/We further ce	rtify that this	s soil i	is being	airecti	y transpo	rtea from	the Gene	eration Site to the	he Designate	d Facility	
(P. C. C. S. C.	spo	without off-loading, addir	ng to, subtracting fr	om or in any	way d	lelaying	deliver	y to sych	site.		· ·		Day Ye	ar
•	Transporter	Print or Type Name:	TEVE	BEN	Ja.	Sig	gnature a		ene	-13		Month	229	Ë
<i></i>	-	Discrepancies:	12UE											
100	lity	1												
The second secon	Faci													_
1	cycling Facility	Recycling Facility certifies	the receipt of the soil	covered by thi	s mani	ifest exce	ept as no	ted above	:					
	cycl	Bint or Tape Name 1ett/					ignature a			111	7	7.73-	90	

	on Mengas tests	TP:	S Techno	_	<b>es Soil</b> irdous So		cling		V Manif	est# V	
	Date of Shipment:	Responsible for Pa			rter Truck #		Facility #:	Civ	/en by TPS:		Load #
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L	( )	<u> </u>		91	<del></del>	/- Di-	<u> </u>		Generator's US	CDA ID No	OHO
	Generator's Name and Billing Action   MOBIL OIL CORP				i	or's Phone のょうし	#: .2-1857	7	Generator s US	CFA ID NO.	
	3700 W. 190TH.		ጥኮጥን	-		to Contact:		<i>,</i>	· · · · · · · · · · · · · · · · · · ·		
1	3/00 W. ISOIH.	SIREEI -	1112						-		
	TORRANCE, CA 9	0509-2929	)	USA	FAX#:				Customer Accou		ith TPS:
	Consultant's Name and Billing AALTON GEOSCIEN				Consul	tant's Phon	e#:				
	25 A TECHNOLOG	SY DRIVE,	STE. 20	00	Person	to Contact:			<u> </u>		
	IRVINE, CA 927	718		USA	FAX#:				Customer Accord 100186		rith TPS:
1	Generation Site (Transport from				Site Pt	one #:			BTEX Levels		•
1	MOBIL OIL PROD	OUCTION FI	ELD		Person	to Contact:			TPH		
	10607 NORWALK	BLAD			1	VE PA			Levels		
١					FAX#:	,,,,,,,,	10		AVG.		
L	SANTA FE SPRIN	165, CA 90	1670	USA	1				Levels		
ſ	Designated Facility (Transport to	o): (name & address)			Facilit	Phone #:			Facility Permit	Numbers	
1	TPS TECHNOLOGI	IES INC.				)-862·					
1	12328 HIBISCUS	S AVE.			1	to Contact	: R. BAR	ተ፣ ፎጥ	1		
۱					FAX#		. DAIL		-		
ł	Adelanto, CA 9	92301		USA		0-246	-8004				
ſ	Transporter Name and Mailing				1 '	oorter's l'ho			Transporter's U		
١	W.A. WOODS IN				<u> </u>		27-136	7		965754	5
	10120 W. FRON	TAGE ROAD			1	to Contact  BEN:			Transporter's I		
	SOUTH GATE, C.	A 90280		USA	FAX#	(O)	06-185	9	Customer Acco 10002	ount Number 38	with TPS:
	Description of Soil	Moisture Content	Contaminate		oprox. Qty:	Descr	iption of De	livery	Gross Weight	Tare Weight	Net Weigh
	Sand C Organic C Other C	0 - 10%	Gas Diesel Dother D						80000	30320	4968
	Sand I Organic I Clay I Other I	0 - 10%	Gas Diesel Dother D	1							24.84
١	List any exception to items listed ab	ove:					30778	3		-	
	Generator's and/or consulta Sheet completed and certifie ang way.	ant's certification: ed by me/us for the	I/We certify th Generation S	at the so	nil reference n above an	d herein is d nothing	s taken entii has been ad	rely from ded or d	those soils descone to such soil	ribed in the that would	Soil Data alter it in
	Print of Type Name	Generator D	Consultan	_	Signafure		Ms		~T-Mol	7	Day Year
Harisporter.	Transporter's certification: condition as when received without off-loading, adding	l. I/We further cer	rtify that this	soil is b	eing direct	ly transpo	rted from tl	ch soll i he Gener	s being delivere ration Site to th	ed in exactly ne Designate	the same d Facility
Hair	Print or Type Name:	(IG)			Signature a		10			Month	22/9
<u>^</u>	Discrepancies:					***					
y raciiity		. "					·		···-		
Recycling	Recycling Facility certifies th	he receipt of the soil	covered by this	manifest							
Š	Print or Type Name:  D. Bartlett/D	. BENTON			Signature	and date:	1/3	NA	- 7.	-22-99	

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1000	Congress processed the second	TPS		gies Soil Recycling					W Manifestal V				
y di	Manufest				us Soils		To -2124 #6	******	en by TPS:		Load #		
.	Date of Shipment:	Responsible for Pay	_	-	Truck #:	<b>-</b>	Facility #:	ł	0998	l	Ø#8		
	7-23-98				• 22 Generator's			<u> </u>	Generator's US E	EPA ID No	OFO!		
	Generator's Name and Billing A MOBIL OIL COR	Address: <b>ኮቦኮልፕፐባህ</b>					#: 2-185	7	Generator 3 00 t	, I A 10 110.			
	3700 W. 190TH		TPTO	}	Person to C			-	-				
	3700 W. 13010	. DIRECT	11 12					!	·				
	TORRANCE, CA	90509-2929	US	A	FAX#:				Customer Accou		rith TPS:		
	Consultant's Name and Billing ALTON GEOSCIE				Consultant	's Phon	e #:						
	25 A TECHNOLO		STE. 200		Person to Contact:								
	IRVINE, CA 92	718	ບຣ	A	FAX#:				Customer Accou		vith TPS:		
	Generation Site (Transport from	-	Site Phone				BTEX Levels						
'	10607 NORWALK				Person to Contact:				TPH Levels				
ant	TACAL HOMBUTH				STEV	E PA	<u> </u>		AVG.				
iult	SANTA FE SPRI	INGS. CA 90	0670 US	FAX#:				AVG. Levels					
Consultant	Designated Facility (Transpor			<del></del> -	Facility Pl	ione #:	· · · · · · · · · · · · · · · · · · ·	<u>.</u>	Facility Permit Numbers				
	TPS TECHNOLOG				800-	862	-8001		<u> </u>				
Generator and/or	12328 HIBISCU	Person to Contact: DARREN R. BARTLETT											
rato	Adelanto, CA	SA.	FAX#: <b>760</b> -	246	-8004								
ene	Transporter Name and Mailin		Transporter's Phone #: (310) 927~1367				Transporter's US EPA ID No.:						
G	W.A. WOODS II		- L			57	CAD009657545  Transporter's DOT No.:						
	10120 W. FRO	NTAGE ROAD			Person to				1958				
	SOUTH GATE, CA 90280 USA				EAX#		06-18:	5 <del>9</del>	Customer Account Number with TPS: 1000238				
	Description of Soil			Appro	rox. Qty: Description of Delivery			Gross Weight	Tare Weight	Net Weight			
	Sand (3 Organic (3) Clay (3) Other (3)	0 - 10%	Gas 🗓 Diesel 🗀 Other 🖸						80580	31080	41500		
	Sand 🖸 Organic 🔾 Clay 🖸 Other 🔾	0 - 10%	Gas □ Diesel □ Other □								24.75		
	List any exception to items listed						307			<u> </u>			
	Generator's and/or consu	ltant's certification:	I/We certify that th	he soil 1	referenced l	herein i	s taken ent	irely from	n those soils desi	cribed in the I that would	: Soil Data Lalter it in		
П	Sheet completed and cert any way.	ified by me/us for the	e Generation Site s	nown a	vove ana 1	ιοτπιπχ	nispeen u	uucu ui i	tone to such soi.	t that toomis			
	Wrint or Type Name:	Generator O	Consultant 🔾	ı S	grature and	date:	1/1/2	acti	J. M.L.	Month	Day Year 23 98		
	Transporter's certificatio	m. I/Me acknowledo	e receipt of the soi	l descri	ibed above	and ce	rtifu that s	uch soil	is being deliver	ed in exactl	y the same		
Transnorter	condition as when receive without off-loading, add	ved. I/We further ce	rtify that this soil	is bein delayin	g directly g delivery	transpe to such	ortea from	the Gene	eration Site to t	ne Designat			
Tran	Print or Type Name:	ARK Fri	, ~	5	Signature and	date	100	W,	X/A	Month 7	Z3 S		
	Discrepancies:					٠		1.					
								_		•			
	Recycling Facility certifie	s the receipt of the soil	covered by this man	ifest ex	sept as note	d above							
	Print or Type Name: D. Bartlett				Signature and		7/2	2/0	7				
	`			1	194	$\nearrow$	10		10 -				

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		TPS	Technologie Non-Hazar		ecycling	งง Manie	ISI66			
D	ate of Shipment:	Responsible for Pays Generator		er Truck #:	Facility #: 6	Given by TPS: 10998		Load# 051		
G. M	enerator's Name and Billing Ad 10BIL OIL CORP 3700 W. 190TH.	PORATION	TPT2	Generator's I (310) Person to Co	212-1857	Generator's US E	PA ID No.	-		
	TORRANCE, CA 9		USA	FAX#:		Customer Account Number with TPS: 1000363				
1	Consultant's Name and Billing A ALTON GEOSCIEN 25 A TECHNOLOG	NCE	STE. 200	Consultant's						
	IRVINE, CA 927		USA	FAX#:		Customer Accou		th TPS:		
ŀ	Generation Site (Transport from	n): (name & address)	<del></del>	Site Phone	t:	BTEX Levels				
	MOBIL OIL PROI 10607 NORWALK	DUCTION FI	ELD	Person to C		TPH Levels				
	SANTA FE SPRI	670 USA	STEVE FAX#:	. PAU	AVG. Levels					
ł	Designated Facility (Transport		<u> </u>	Facility Pho		Facility Permit	Numbers			
١	TPS TECHNOLOG	IES INC.		800 - 8	862-8001					
	12328 HIBISCU				EN R. BARTLE	ETT				
1	Adelanto, CA	92301	USA		246-8004					
	Transporter Name and Mailing W. A. WOODS IN	g Address: IDUSTRIES		_	r's Phone #: ) 927-1367 Contact:	Transporter's U CADOOS Transporter's E	96575 <u>4</u> 5			
	10120 W. FRON		USA	FAX#:	BENSON ) 806-1859	1958 Customer Account Number with TF				
, 1	SOUTH GATE, C							Net Weigh		
١	Department of Soil	MIDISTRIC CONTENT		Aproxi 201		74040				
	Description of Soil	0 - 10% 🖸	Gas 🚨			1 100000				
	Sand I Organic I Clay I Other I	0 - 10%	Diesel Cl Other Cl			11010	1 1/10	27.49		
	Sand 🖸 Organic 🗇	0 - 10%	Diesel 🔾 Other 🔾		30781	71070	29140	22.4		
	Sand I Organic I Other I Organic I Other I Other I Other I Other I Other I Other I Other I	0 - 10%	Diesel Countries	m apove ana ni	otning has been daded	rom those soils desc	ribed in the	Soil Data alter it in		
	Sand Organic Organic Other Oth	0-10%	Diesel Cother Co	Signature and d	erein is taken entirely fothing has been added a	from those soils desc or done to such soil	cribed in the lathat would	Soil Data alter it in  Day Yea 23   78		
sporter	Sand G Organic G Other	0-10%	Diesel Cother Co	signature and described above abeing directly theying delivery to	at:  added  adde	from those soils desc or done to such soil oil is heing deliver	Month  Mo	Soil Data alter it in  Day Yea  23   78  the same d Facility		
Transporter	Sand G Organic G Other	0-10%	Diesel Cother Co	signature and described above abeing directly theying delivery to	erein is taken entirely forthing has been added of the second of the second of the second of the Gransported from the G	from those soils desc or done to such soil oil is heing deliver	cribed in the lathat would have been marked in exactly	Soil Data alter it in  Day Yea  23 98  the same d Facility		
	Sand G Organic G Other	0-10%	Diesel Cother Co	signature and described above abeing directly theying delivery to	at:  added  adde	from those soils desc or done to such soil oil is heing deliver	Month  Mo	Soil Data alter it in  Day Yee  23 98  the same d Facility		
Recycling Facility Transporter	Sand G Organic G Other	0-10%	Diesel Cother Co	Signature and described above desiring directly to	areim is taken entirely forthing has been added and age.  AGL  and certify that such so ransported from the Go o such site.	from those soils desc or done to such soil oil is heing deliver	Month  Mo	Soil Data alter it in  Day Yee  23 98  the same d Facility		

	Mamilest	TPS	S Technolo Non-l	_	Soil Recy	cling,		AND THE PROPERTY OF THE PARTY.	est# / J			
E.	ate of Shipment:	Responsible for Pa Generator	iyment: Tr.		+m 4	Facility #: AØ7		ьу TPS: <b>998</b>		Load # 050		
]	enerator's Name and Billing Ad 10BIL OIL CORP 3700 W. 190TH.	ORATION	TPT2		Generator's Phone #: (310) 212-1857 Person to Contact:			enerator's US	EPA ID No.			
١	CORRANCE, CA 9	9 <b>0509-</b> 2929	ប	SA	FAX#:	<u> </u>	C	Customer Account Number with TPS: 1000363				
١	Consultant's Name and Billing A ALTON GEOSCIEN 25 A TECHNOLOG	STE. 200	-	Consultant's Pho	, <u>.                                  </u>							
	IRVINE, CA 927	718	ប	SA	FAX#:	. <del></del>	c	ustomer Accor		rith TPS:		
ţ	Generation Site (Transport from	i): (name & address)	<del></del>		Site Phone #:		r -	TEX evels				
1	MOBIL OIL PROI 10607 NORWALK	ELD		Person to Contac		Т	PH evels					
	SANTA FE SPRINGS, CA 90670			SA	FAX#:			AVG. Levels				
ł	Designated Facility (Transport t TPS TECHNOLOGI 12328 HIBISCUS	IES INC.		Facility Phone #: 800-862 Person to Contact DARREN	2~8001		acility Permit	Numbers				
	Adelanto, CA :	JSA	FAX#: 760-246	-8004								
L	Transporter Name and Mailing W.A. WOODS IN			9 <mark>27-1</mark> 367	7		965754					
	10120 W. FRON' SOUTH GATE, C	JSA	Person to Conta- RON BEN FAX#: (310) 6	ISON		Transporter's DOT No.:  1958  Customer Account Number with TPS: 1000238						
ŀ	Description of Soil	Moisture Content	Contaminated by	y: Appro	x. Qty: Desc	ription of Deliv	ery (	Gross Weight	Tare Weight	Net Weigh		
	Sand 🖸 Organic 🗅 Clay 🖟 Other 🗀	0 - 10%	Gas 🖸 Diesel 🗅 Other 🗅				-	77900	30420	4748		
	Sand ① Organic ① Clay ② Other ②	0 - 10%	Gas 🖸 Diesel 🖸 Other 🗅							23.79		
	List any exception to items listed ab	oove:			30785							
	Generator's and/or consulte Sheet completed and certific any way. Print or type Name:	Generator 🗆	Consultant	shown ab	gathe and date	g has been adde	ed or don	e to such soil	that would	Day Yea		
	Transporter's certification: condition as when received without off-loading, adding	d. I/We further cer	rtify that this soil	l is being delaying	directly transp delivery to such	orted from the	k boil is b Generat	eing delivere ion Site to th	ie Designate	the same d Facility		
ייייייייייייייייייייייייייייייייייייייי	Print or Type Name:	n. 1	MASTE	Si <sub>j</sub>	grature and day:				Month	23 9		
Halloporici	TERV	7 15	771 -70	Discrepancies:								
	TERV	7 15	77. 70	6								
Hecycling racility manapoiner	TERV			nifest exce	pt as noted above	9.	u					

ANGELEE STEEN GRANGELEE IN SOON SAGERAGES STEEN GEVELEE STEEN STEEN STEEN STEEN STEEN STEEN STEEN STEEN STEEN

1		TPS	cling	ing Vallanies (4.47)										
			Non-Hazardous Soils											
Service of the Second	Date of Shipment:	Responsible for Pa Generator	ryment: T	Transport	er Truck #	4	Facility #: AØ7		en by TPS: 0998		Load #   049			
<b>,</b>	Generator's Name and Billing A	Address:			General	oτ's Phone	e #:		Generator's US F	EPA ID No.				
4 **	MOBIL OIL CORE	PORATION					2-1857	7						
	3700 W. 190TH.	. STREET -	TPT2.		Person	Person to Contact:								
3000	TORRANCE, CA	9 <b>0509-</b> 2929		USA FAX#:					Customer Account Number with TPS: 1000363					
	Consultant's Name and Billing ALTON GEOSCIE				Consul	Consultant's Phone #:								
A Control of	25 A TECHNOLO	GY DRIVE,	STE. 20	<b>)</b> Ø		to Contact	:: 							
90.03	IRVINE, CA 92			USA	FAX#:				100186		rith TPS:	· · · · · · · · · · · · · · · · · · ·		
	Generation Site (Transport from				Site Ph	one#:			BTEX Levels					
	MOBIL OIL PRO		ELD		Person	to Contact	t:		TPH			*		
ž	10607 NORWALK	BLVD			STE	VE P	AO		Levels					
Generator and/or Consultain	SANTA FE SPRI	NGS, CA 90	)670	USA	FAX#:				AVG. Levels					
2	Designated Facility (Transport	to): (name & address)				Phone #:			Facility Permit	Numbers				
jo V	TPS TECHNOLOG	HES INC.				1 to Contac	-8001				·	- 48		
or and	12328 HIBISCU	IS AVE.				REN	R. BAR	TLET	<b>†</b>					
rarc	Adelanto, CA	92301		USA		760-246-8004  Transporter's Phone #: (310) 927-1367  Person to Contact:  RON BENSON			Transporter's US EPA ID No.:  CAD009657545  Transporter's DOT No.:  1958					
ene	Transporter Name and Mailin													
	W.A. WOODS IN	IDUSTRIES			<del></del>									
	10120 W. FROM	ITAGE ROAD			[ "									
	SOUTH GATE, C	CA 90280		USA inated by: Appro		FAX#: (310) 806-1859		9	Customer Account Number with TF 1000238			L STATES		
	Description of Soil	Moisture Content				ox. Qty: Description of Deliv		livery	Gross Weight	Tare Weight	Net Weigh	t		
	Sand D Organic D Clay D Other D	0 - 10%	Gas Diesel Diesel Diesel D	1			<u></u>		79960	30180	49781	<u>ا</u> د		
WENT TO THE	Sand D Organic D Clay D Other D	0 - 10% 🖸 10 - 20% 📮 20% - over 🖸	Gas Diesel DOTher D	1						24.89				
1	List any exception to items listed	above:					30	786				A section 4		
Contraction of the contraction o	Generator's and/or consul Sheet completed and certi any way.	ltant's certification: fied by me/us for the	I/We certify the Generation S	nat the soi ite shown	above an	d nothing	is taken entir has been ad	rely from Ided or d	those soils desc one to such soil	that would	aiter it in	(CSCC) the Company of		
	If fint of Type Name:	Generator D	Consultant		Signatule a	1/11		iluT			23 98			
Transporter	Transporter's certification condition as when receiv without off-loading, addit	ed. I/We further cer	rtify that this	soil is bei	ing direct ing delive	ly transp ry to such	orted from ti	he Genei	s veing deitoere ration Site to th	e Designate	d Facility			
Tran	Print or Type Name:	PEYA			11/1	nd date:	Voje	<u>~~</u>		7	23 98	7		
2	Discrepancies:	,				V	0							
Facility														
2	Recycling Facility certifies	the receipt of the soil	covered by this	manifest (	except as n	oted above		· ·	<del></del>					
Recyclina	Erint or Tape Name D. Bartlett/				Signature		7/2	7	Cz					
ď	<b>:</b> [				$\langle V \rangle$	HY.	7/2	19	X					

Date of Shipment:   Responsible for Payment:   Given by TPS:   A07   10998	Load #										
Generator's Name and Billing Address: MOBIL OIL CORPORATION 3700 W. 190TH. STREET - TPT2  TORRANCE, CA 90509-2929  Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  Generator's Phone #:  (310) 212-1857  Person to Contact:  Generator's US EPA ID  (310) 212-1857  Person to Contact:  Customer Account Nu 1000363  Consultant's Phone #:  Person to Contact:	<b>0</b> 46										
Generator's Name and Billing Address:  MOBIL OIL CORPORATION  3700 W. 190TH. STREET - TPT2  TORRANCE, CA 90509-2929  USA  Consultant's Name and Billing Address: ALTON GEOSCIENCE  25 A TECHNOLOGY DRIVE, STE. 200  Generator's Phone #:  (310) 212-1857  Person to Contact:  FAX#:  Customer Account Nu 1000363  Consultant's Phone #:  Person to Contact:  Person to Contact:	O No.										
MOBIL OIL CORPORATION 3700 W. 190TH. STREET - TPT2  TORRANCE, CA 90509-2929  USA  Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  (310) 212-1857  Person to Contact:  Customer Account Nu 1000363  Consultant's Phone #:  Person to Contact:											
3700 W. 190TH. STREET - TPT2  Person to Contact:  TORRANCE, CA 90509-2929  USA  Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  Person to Contact:  Customer Account Nu 1000363  Consultant's Phone #:  Person to Contact:	imber with TPS:										
TORRANCE, CA 90509-2929  USA  FAX#:  Customer Account Nu 1000363  Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  Person to Contact:	imber with TPS:										
TORRANCE, CA 90509-2929 USA 1000363  Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 200  Person to Contact:	imber with TPS:										
ALTON GEOSCIENCE  25 A TECHNOLOGY DRIVE, STE. 200  Person to Contact:											
25 A TECHNOLOGI DRIVE, SIE. 200											
IRVINE, CA 92718  USA  FAX#: Customer Account No. 1001865	umber with TPS:										
Generation Site (Transport from): Iname & address)  Site Phone #:  BTEX Levels											
MOBIL OIL PRODUCTION FIELD  Person to Contact: TPH	<u></u>										
10607 NORWALK BLVD											
FAX#: AVG.											
SANTA FE SPRINGS, CA 90670 USA Levels											
STEVE PAO FAX#:  SANTA FE SPRINGS, CA 90670 USA  Designated Facility (Transport to): (name & address)  Facility Phone #:  Facility Phone #:  Facility Permit Numb	pers										
TPS TECHNOLOGIES INC.  12328 HIBISCUS AVE.  Person to Contact: DARREN R. BARTLETT  FAX#:  760-246-8004  Transporter Name and Mailing Address:  Transporter's Phone #: Transporter's US EPA											
9   FAX#: 760-246-8004   SA   FAX#: 760-246-											
Transporter Name and Mailing Address: Transporter's Phone #: Transporter's US EPA											
W. A. WOODS INDUSTRIES (310) 92/-136/ CAD00963											
10120 W. FRONTAGE ROAD  Person to Contact:  RON BENSON  1958											
SOUTH GATE, CA 90280 USA FAX#: (310) 806-1859 Customer Account N 1000238	lumber with TPS:										
	Weight Net Weight										
Sand	2740 5880										
Sand	19.44										
List any exception to items listed above: 36794	,										
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described. Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that any way.	! in the Soil Data would alter it in										
hlis 1 BBOR MAJULA GGENT-MOBIL	Month Day Year 7										
The state of the same and cartify that such sail is being delivered in exactly the same											
without off-loading, adding to, subtracting from or in any way delaying delivery to such site.	Month Day Year										
condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Dewithout off-loading, adding to, subtracting from or in any way delaying delivery to such site.    Signature and call:   OHIO OHIO OHIO OHIO OHIO OHIO OHIO OH	1 CS 17										
without off-loading, adding to, subtracting from or in any way delaying delivery to such site.  Print or Type Name:  Discrepancies:  Discrepancies:	1 Cos 172										
THU CLYNN	1 63 172										

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			Technologie Non-Hazar	s Soil R	ecycling		V <sub>3</sub> Manues		20110000		
2 A-2/22 A-2	f Shipment:	Responsible for Paym Generator		er Truck #:	Facility #: AØ7		n by TPS: 1998	1	Load #		
MOI	ator's Name and Billing Ac	Idress: ORATION	rpT2	Generator's (310) Person to C	212-185	ļ	Generator's US EPA	ID No.			
1	00 W. 190TH. RRANCE, CA 9		USA	FAX#:			Customer Account Number with TPS: 1000363				
Cons	ultant's Name and Billing A TON GEOSCIEM A TECHNOLOG	Address: ICE	TE. 200	Consultan	's Phone #: Contact:			· · · · · · · · · · · · · · · · · · ·			
	VINE, CA 92		USA	FAX#:		Customer Account Number with TPS: 1001865					
Gen	eration Site (Transport from	n): (name & address) DUCTION FIE	ELD	Site Phon Person to			BTEX Levels TPH				
1	0607 NORWALK		,	į.	E PAO		AVG. Levels	<u> </u>			
Des T	ANTA FE SPRI signated Facility (Transport PS TECHNOLOG 2328 HIBISCL	to): (name & address)	670 USA	Facility   800	Phone #: -862-8001 o Contact: REN R. BA		Facility Permit N	umbers			
A To	delanto, CA ansporter Name and Mailin	923 <b>0</b> 1 ng Address:	USA	Transpo	-246-8004 orter's Phone #: 0) 927-13		Transporter's US EPA ID No.:  CAD009657545  Transporter's DOT No.:				
1	0120 W. FRO	NTAGE ROAD	ບຣ	RON FAX#:	to Contact: <u>BENSON</u> 0) 806-1	859	1958 Customer According 100023	unt Number 38	-		
	Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of	Delivery	Gross Weight				
	Sand   Organic   Other   Other   O	0 - 10%	Gas D Diesel D Other D Gas D				76340	36320	23.01		
	Sand 3 Organic 3 Clay 3 Other 3 List any exception to items liste	10 - 20%	Diesel 🖸 Other 🖸		307	96		25.0[			
	Generator's and/or cons Sheet completed and cer		I/We certify that the e Generation Site sho	soil reference	ed herein is taken d nothing has bee	entirely fro n added or	om those soils desi done to such soil		Soil Data alter it in		
Ш	rint of Type Name  Transporter's certificat	Generator D	Consultant Q	described abo	fw////		il is being deliver	ed in exact	23 98 y the same		
Transporter	condition as when rece without off-loading, ad Print or Type Name:	ding to, subtracting	rom or in any way d	s being direct elaying delipe Signature	and date:	om the Ge	Paration Site to t	Month			
	Dischapanies:	AREVa	(0		(mm)		<u>,                                     </u>				
g Facility	Recycling Facility certi	fies the receint of the so	il covered by this man	ifest except as	noted above:						
ecycling	Recycling Facility Certification Type Name: D. Bartlet			Signatu	e and date	1/2	3/18		·		

an incoming the particular parties are proportionally of

	IP.	S Techno Not	_	ous Soils	cycling	្សា (raniesមិន ន				
Date of Shipment:	Responsible for P	ayment:	Transporter		Facility #:	Give	n by TPS:		Load#	
7-23-98	Generato	r	115	-215	A07	10	998		Ø47	
Generator's Name and Billing	Address:			Generator's P	none #:	C	Generator's US EPA ID No.			
MOBIL OIL COR	RPORATION	. •		(310)	212-185	7				
3700 W. 190TI	. STREET -	TPT2		Person to Con	tact:	-				
TORRANCE, CA	90509-2929	)	USA	FAX#:		C	100036		ith TPS:	
Consultant's Name and Billin ALTON GEOSCIE	••		·	Consultant's I	hone #:					
25 A TECHNOLO		STE. 20	Ø	Person to Con	tact:					
IRVINE, CA 92	2718		USA	FAX#:			20186 100186		rith TPS:	
Generation Site (Transport fro				Site Phone #:	¥. "	1	BTEX Levels			
MOBIL OIL PRO		LELD		Person to Cor	itact:	-	PH			
10607 NORWALI	K BLVD	•		STEVE			.evels		ļ	
<b>~</b>				FAX#:	<u> </u>	1	AVG.			
SANTA FE SPR	INGS, CA.90	0670	USA			1	_evels	·		
Designated Facility (Transpo	rt to): (name & address)		-	Facility Phon		_[1	Facility Permit	Numbers -		
TPS TECHNOLO	GIES INC.				2-8001			<del></del>		
12328 HIBISC	US AVE.			Person to Cor	itaet: IR. BAR	TLETT		•		
	•			FAX#:						
Adelanto, CA	92301	USA	1	16-8004	ļ					
Transporter Name and Maili	ng Address:			Transporter's	Phone #:		Transporter's L	IS EPA ID No.	: '	
W.A. WOODS I	NDUSTRIES				927-136		CAD009657545			
10120 W. FRO	NTAGE ROAD		-	Person to Contact:  RON BENSON FAX#:			Transporter's DOT No.:  1958 Customer Account Number with TPS: 1000238			
SOUTH GATE,	CA 90280	· · · · · · · · · · · · · · · · · · ·	USA	FAX# (310) 806-1859						
Description of Soil	Moisture Content	Contaminated  Gas	by: Appro	ox. Qty: Description of Delivery			Gross Weight	Tare Weight	Net Weight	
Sand 🗆 Organic 🔾 Clay 🖸 Other 🔾	10 - 20% Q 20% - over Q	Diesel 🔾 Other 🔾					74380	32600	41780	
Sand 3 Organic 3 Clay 3 Other 3	0 - 10%	Gas 🖸 Diesel 🔾 Other 🖸					-		20.89	
List any exception to items listed			!			1	• .	<u> </u>	<del> </del>	
Generator's and/or consi Sheet completed and cert any way	ultant's certification: tified by me/us for the	I/We certify that Generation Sil	te shown a	eferenced here hove and noth	in is taken entir ing has been ad	rely from th ded or don	ose soils desc e to such soil	that would	Soil Data alter it in	
If int or Type Namer	popul	×.	- 1/	1-4	July.	agen	I-Mb;	176	13/78	
Transporter's certification condition as when receivable without off-loading, add	ved. I/We further ce	rtify that this s	oil is being	z directly tran	sported from th	he Generat	ion Site to th	u in exacily ie Designatei	ine same d Facility	
Print Supa Maree	wo c	4	S	ignature and date	2mg(	L		Month	ZS Year	
Discrepancies:	<i>T</i>	. <b>*</b>				-0				
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	s the receipt of the soil	covered by this n	nanifest exc	ept as noted ab	ove:					
Recycling Facility certifie		<u> </u>		ignature and date	· · · · · · · · · · · · · · · · · · ·					
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	·	Generato	r/	128		22T	A07	1	<b>099</b> 8		055		
[	Generator's Name and Billing A	ddress:			i	or's Phone		1	Generator's US EPA ID No.				
	MOBIL OIL CORP	PORATION			(310) 212-1857								
	3700 W. 190TH.	STREET -	TPT2	•	Person to Contact:								
	TORRANCE, CA S	305 <b>0</b> 9-2929	u:	SA	FAX#:				Customer Account Number with TPS: 1000363				
	Consultant's Name and Billing	Address:			Consult	ant's Phon	ne #:	ì					
	ALTON GEOSCIEN												
	25 A TECHNOLOG	STE. 200		Person to Contact:									
	IRVINE, CA 927	718	U	SA	FAX#:				Customer Accou		rith TPS:		
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or	TPS TECHNOLOG	IES INC.					-8001						
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rato	Adelanto, CA	92301	ŧ:	ISA	FAX#:	-246	-8004						
ene	Transporter Name and Mailing					orter's Phe			Transporter's US EPA ID No.:				
G	W.A. WOODS IN						27-136	57	<del></del>	965754	5		
	10120 W. FRON	TAGE ROAD			Person to Contact:  RON BENSON  FAX#:				Transporter's DOT No.:  1958  Customer Account Number with TPS:				
	SOUTH GATE, C	A 90280		USA		(310) 806-1859			1000238				
	Description of Soil	Moisture Content	Contaminated by	y: Appr	ox. Qty:	Descr	ription of De	livery					
	Sand O Organic O Clay O Other O	0 - 10%	Diesel 🔾 Other 🔾						80080	30980	i I		
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	List any exception to items listed a	20% - over Cl bove:	Other 3	l		·	30790	ì		J	1		
	Generator's and/or consult Sheet completed and certifi any way. Pfintor type Name:	Generator O	Generation Site	shown a	reference above and gjat te a	l nothing	has been a	tded or do	those soils descone to such soil	that would	Day Year		
F	Transporter's certification	) DUL : I/We acknowledg	e receipt of the so	oil descr	ribed abo	pe and ce	rtify that si	uch soil is	s being delivere	ed in exactly	23   98 the same		
Transporter	condition as when receive without off-loading, addin	d. I/We further ce	rtify that this soi	I is bein	ig directl	y transpo	orted from t	he Gener	ation Site to th	ie Designate	а <i>ғасш</i> іу ———		
Tran	Print or Type Name:	A. I	DNES		Signature a	nd date:	od	lon	2	Month )	17 95		
E	Discrepancies:				1			<i> </i>					
Facility		•			V		,	>			•		
		the receipt of the soil	covered by this ma	mifèst ex	cept as n	oted above	:		<u></u>				
Recyclina	Print or Tape Name 1 ett/				Signature a	<del></del>		1.	5/1/	12-1	23-98		
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And the state of t	MC	erator's Name and Billing Ad DBIL OIL CORP 700 W. 190TH.	ORATION	3 7	Generator	's Phone ) 21	#: 2-1857	7	Generator's US EPA ID No.				
1		ORRANCE, CA 9	•	USA	FAX#:	-			Customer Account Number with TPS: 1000363				
	Cor A1	Consultant's Name and Billing Address: ALTON GEOSCIENCE 25 A TECHNOLOGY DRIVE, STE. 2		STE. 200		nt's Phono							
	I	IRVINE, CA 92718			FAX#:				Customer Accour		h TPS:		
	Ge	neration Site (Transport from	ELD	Site Pho				BTEX Levels					
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N'ns.		ANTA FE SPRI	NGS, CA 90	670 USA		Phone #:			Levels Facility Permit	lumbers			
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	- T	Adelanto, CA	Transc	orter's Ph	-8004 none #: 027-13	<del></del>	Transporter's US EPA ID No.: CAD009657545						
		W.A. WOODS IN 10120 W. FRON	Person ROI	to Conta	ct: ISON		Transporter's DOT No.: 1958 Customer Account Number with TPS: 1000238						
and the second		SOUTH GATE, C	US Contaminated by:		rox. Qty: Description of De			Gross Weight					
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Ì		List any exception to items listed	above:				3680				C. I Data		
Sept.	Age Comment of the Co	Generator's and/or consu Sheet completed and cert any way. Print of TypeName:	Generator	I/We certify that the e Generation Site sho Consultant	$\triangle I$	soil referenced herein is taken entirely from those soils described in the Soil Data wn above and nothing has been added or done to such soil that would alter it in fighture and data  Agents - Mohil 7 23 9							
	Transporter	Transporter's certification condition as when receiv without off-loading, add				ery to su	certify. that ported fyon	a legge	il ic haina deliner	red in exactly the Designat	y the same ed Facility		
	ity Tran.	Print or Type Mame:	LESOUN	re/	Signature	1	L Ji	w		7_	28 178		
	y Facility		·		Start annual co	noted akin	<u></u>						
	Recycling 1	Recycling Facility certific Print or Type Name: D. Bartlett	es the receipt of the soi		Signatur	t except go hoted above:  Signature and date:  A SUA 7-23-78							

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			Responsible for Pa			zardou portet Tr			Facility #:		en by TPS:		Load #
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	L		<u> </u>			<u> </u>		2)	1			COA ID Nie	8000
	1	Generator's Name and Billing A					Generator's			_	Generator's US I	EPA ID No.	
	1	MOBIL OIL CORP			-		(310) erson to C		2-1857	/			
	1	3700 W. 190TH.	STREET -	TPT2		1''		Omaci.					
	ı					F.	AX#:				Customer Accou	ınt Number w	ith TPS:
	1	TORRANCE, CA S	0509-2929		USA	4					100036	3	
		Consultant's Name and Billing A ALTON GEOSCIEM				C	Consultant'	s Phone	#:				
		25 A TECHNOLOG	SY DRIVE,	STE. 20	90	P	Person to C	ontact:					
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Itan		·				1	<u> </u>	- FA	<u>u</u>		AVG.		
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١٤	3	TPS TECHNOLOG		}	800-8								
rollor andors	air	12328 HIBISCUS	S AVE.						. BAR	TLET	T		
5	2	A-1-2	00001		uc	1	FAX#:	346_	0001				
	2	Adelanto, CA Transporter Name and Mailing			US		760-2				Transporter's U	IS EPA ID No.	
- 6	5	W.A. WOODS IN				1	•			7	1 -	965754	
1	1	10120 W. FRON					Person to				Transporter's I		
		10120 #1 111011					RON	BENS	ON		1958		
		SOUTH GATE, C	A 90280		ບຣ		FAX#: (310	80	6-185	9	Customer Acco 10002	ount Number 1 38	with TPS:
		Description of Soil	Moisture Content	Contaminate		Approx.	. Qty:	Descrip	ption of De	livery	Gross Weight	Tare Weight	Net Weight
1.75,0 kg		Sand 🖸 Organic 🛈 Clay 🗅 Other 🛈	0 - 10%	Gas Diesel DO Other D							80540	32800	47740
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		List any exception to items listed al		<u> </u>	<del></del>			3	0803	)			
· · · · · · · · · · · · · · · · · · ·		Generator's and/or consult. Sheet dompleted and certifi anyway.	ant's certification: ed by me/us for the	I/We certify th Generation S	at the ite sho	soil refe	erenced he	erein is othing h	taken entir nas liten ad	rely from Ided or d	those soils desc one to such soil	cribed in the ! that would	Soil Data alter it in
3000 mm 1000 1000 1000 1000 1000 1000 10		Print of Type Name:		Stuff and the	Jυ			-Mobil	7	23 98			
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<b>4</b>	_	Discrepancies:											
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	bul	Recycling Facility certifies t	he receipt of the soil	covered by this	manife	est excep	as noted	above:					
	Recycling Facility	Print or Type Name D. Bartlett/					ature and d		//	_			
. 0	Rec	n. partiett/	D. BENTON				·/)	1	$\mathcal{L}_{\mathcal{M}}$	LA	7-2	<i>3-98</i>	

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Between April	D	Pate of Shipment:	Responsible for Pa Generato	ayment: • T	Transpo	rter Truck #	- A	Facility #: AØ7		en by TPS: <b>0</b> 998		Load #
4	C	enerator's Name and Billing	Address:		<b>\Q</b> \	Genera	tor's Phone	#:		Generator's US	EPA ID No.	7 - T
1	1	MOBIL OIL COR				<u> </u>		.2-1857	7			
,	1:	3700 W. 190TH	. STREET -	TPT2		Person	to Contact:					4
	Ľ	TORRANCE, CA	90509-2929	)	USA	FAX#:				Customer Accord		rith TPS:
4	•	Consultant's Name and Billing	•	· · · · · · · · · · · · · · · · · · ·		Consu	tant's Phon	e #:				
Service Services		ALTON GEOSCIE 25 A TECHNOLO		STE. 20	00	Person	to Contact:	:		<del></del>	····	
3		IRVINE, CA 92	718		USA	FAX#:				Customer Accord		vith TPS:
A	C	Generation Site (Transport from	m): (name & address)			Site Ph	one#:			BTEX		
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senerator and/or		12328 HIBISCU				Person	to Contact	R. BAR'	TLET	r		Ž.
lor						FAX#:				<u> </u>		
Jera,		Adelanto, CA			USA		-246					
200	5	Transporter Name and Mailin  W. A. WOODS IN	.,				orter's Pho	one #: 27-136'	7	Transporter's U	JS EPA ID No. <b>965754</b> :	
di di	1	10120 W. FROM				J	to Contact		·	Transporter's E		
ļ							BEN:			1958		a. TDC.
A Shorts N	۱	SOUTH GATE, C	CA 90280		USA	िरिंड	10) 8	<b>06-185</b>	9 .	Customer Acco	38	widi 113.
, i		Description of Soil	Moisture Content	Contaminated	i by: Ap	prox. Qty:	Descr	iption of Deli	very	Gross Weight		Net Weight
Newsylvin.		Sand I Organic I Clay I Other I	0 - 10%	Gas Diesel Diesel Diesel Diesel Diesel						79780	31940	47840
	l	Sand 🗇 Organic 🗅 Clav 🗇 Other 🗇	0 - 10% Q 10 - 20% Q	Gas Diesel Dother D								23.92
		List any exception to items listed a	20% - over 🖫 above:	1 Outer 4	L			30804		J		
Section ( reserving		Generator's and/or consul Sheet completed and certij any way.	tant's certification: fied by me/us for the	I/We certify the Generation Si	at the so te shown	il reference 1 above an	d herein is I nothing	taken entire has been ada	ely from led or do	those soils desc one to such soil	ribed in the that would	Soil Data alter it in
throws recent		Print or type Name:	Generator 🗅	Consultant	. 0	Signature a	nd date:	1 99	ent.	Mobil		Day Year 23 98
	je Je	Transporter's certification condition as when receive	: I/We acknowledge	e receipt of the	soil des	cribed abo ino direct	pe and cer v transpo	tify that suc	ch soil is e Gener	being delivere	d in exactly se Designates	the same d Facility
N. Carre	ods S	without off-loading, addir	ng to, subtracting fro	om or in any w	ay delay	ing deliver	y to fuch	site.				
	ıransporter	Print or Type Name:	epedo			Signature	hd gate: KUO	n 30	pe	de	Month	Day Year
	٧	Oiscrepancies:	, , , , , , , , , , , , , , , , , , , ,					-07				, i
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1	gre						//	)				
	/clin	Recycling Facility certifies Print or Type Name:	the receipt of the soil	covered by this	nanifest (	Signature				<u> </u>		
Sec. 18.	Recycling Facility	D. Bartlett/	D. BENTON			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u> </u>	40	/ځ/	US	7-23	48

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	Generator's Name and Billing MOBIL OIL COR 3700 W. 190TH	RPORATION			Genera (31	tor s Phone	2-1857	7 .	Generator's US	EPA ID No.	
	TORRANCE, CA	<b>90509-2</b> 929	9 U	SA	FAX#:				Customer Acco		vith TPS:
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	25 A TECHNOLO	OGY DRIVE,	STE. 200			to Contact:					
	IRVINE, CA 92 Generation Site (Transport fro		U	SA	FAX#:			-	100186		vith TPS:
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ant -	10607 NORWALE				STE	to Contact:			TPH Levels		
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Con	Designated Facility (Transpor				_	/ Phone #:	·····		Facility Permit	Numbers	·
and/or	TPS TECHNOLOG					1-862-				··	
		US AVE.			3		R. BAR	TLET	T		
enerator	Adelanto, CA		<u> </u>	JSA		-246-	8004				
Gen	Transporter Name and Mailir W.A. WOODS II					orter's Phor		-	Transporter's L		
	W.A. WOODS II 10120 W. FROI				Person	to Contact:  BENS		7	Transporter's I	965754: DOT No.:	<u> </u>
	SOUTH GATE, (	CA 90280	<u>[</u> '	JSA	<u> </u>		36-185	9	Customer Accord 10002	ount Number	with TPS:
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Recycling Facility	Discrepancies:							<i>-</i>	***************************************	! <b></b>	
JUJU U	Recycling Facility certifies	the receipt of the soil	covered by this mar								
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	•	Generato	ŕ	•	-50		A07		<b>0</b> 998	•	058	
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	MOBIL OIL CORP				i		2-1857	7	Semerary, y os	21112114		
	3700 W. 190TH.	STREET -	TPT2			to Contact:	· · · · · · · · · · · · · · · · · · ·	-			4	
	TORRANCE, CA 9		)	USA	FAX#:				Customer Accor		ith TPS;	
	Consultant's Name and Billing ALTON GEOSCIEN				Consul	tant's Phon	e#:				2. 23 23 24	
	25 A TECHNOLOG	SY DRIVE,	STE. 20	ðØ	Person	to Contact:						
	IRVINE, CA 927	718		USA	FAX#:				Customer Acco 100186		rith TPS:	
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<u>,</u>	MOBIL OIL PROD		LCLU		Person	to Contact	:		TPH		···	
tani	10607 NORWALK	BLVD				VE PA	40		Levels AVG.			
insu	SANTA FE SPRIM		0670	USA	FAX#:	·		T	AVG. Levels			
S	Designated Facility (Transport to					Phone #:	000:		Facility Permit	Numbers		
Ŏ/	TPS TECHNOLOGI	IES INC.				) - 862 · to Contact						
Generaior and/or Consultant	12328 HIBISCUS	S AVE.			DAF	REN I	R. BAR	TLET	T		_	
erai	Adelanto, CA			USA	FAX#:	0-246	-8004					
Ger	Transporter Name and Mailing					orter's Pho		-	Transporter's U			
2.1	W.A. WOODS IN					to Contact	<u>27-136</u>	7	Transporter's I	9657545	D	
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	SOUTH GATE, C	A 90280		USA			Ø6-185	9.	Customer Acco	ount Number v 38	vith TPS:	
	Description of Soil	Moisture Content	Contaminate	d by: Ap	prox. Qty:	Descr	iption of Del	ivery	Gross Weight	Tare Weight	Net Weight	
and and and a	Sand 3 Organic 3 Clay 3 Other 3	0 - 10%	Gas 🖸 Diesel 🗅 Other 🗅	-		,			77180	3104D	46140	
TALKAN BELLEVILLE	Sand 🔾 Organic 🕽 Clay 🔾 Other 🗅	0 - 10%	Gas 🗅 Diesel 🗅 Other 🗅								23:07	
'	List any exception to items listed ab	ove:					3080	3				
and the control	Generator's and/or consulta Sheet completed and certifie any way.											
Dr. active/up/	Crist or Type Name:		Consultant		Sign ure a	كالك		NTI		7 .	Day Year 23 98	
Transporter	Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.											
Tran	Print of Type Name: Signature and date: Signat											
-2	Discrepancies:	- · · · · · · · · · · · · · · · · · · ·		,			<del>_</del>	·				
Facility		•										
ling	Recycling Facility certifies th	ne receipt of the soil (	covered by this	manifest e	except as po	ned above:						
Recycling	Print or Type Name: D. Bartlett/D	BENTON			Signature a	nd date:	1	EU.	4	7-23-	98	

Please print 37 in a

1536		TP	S Technolo	ogies	Soil	Recy	cling				
100	Memilest		Non-I	<b>Jazard</b>	ous So	ils				fesi# v	
	Date of Shipment:	Responsible for P Generato	ayment: Tra	·	Truck #	. /	Facility #:	Gi	ven by TPS:		Load #
	7-23-96	3 Generace	<u>'</u>	//6	o - T	16	A07	1	.0998		050
	Generator's Name and Billing				į.	tor's Phone			Generator's US	EPA ID No.	
Š.	MOBIL OIL CO		-				2-1857	7	-		<u> </u>
	3700 W. 190T	i. STREET -	- TPT2		Person	to Contact:					1
	TORRANCE, CA	90509-2929	9 U:	SA	FAX#:				Customer Acco		vith TPS:
	Consultant's Name and Billin	~			Consul	tant's Phone	e #:				
	25 A TECHNOLO	OGY DRIVE,	STE. 200		Person	to Contact:					
	IRVINE, CA 9	2718	បៈ	SA	FAX#:				Customer Acco		vith TPS:
	Generation Site (Transport fro		TEL 5		Site Ph	one #:			BTEX Levels	•	
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E	10607 NORWAL	K BLVD			STE	VE PA	0		Levels		٠.
ulta				_	FAX#:				AVG.		
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-	Designated Facility (Transpo				1 -	/ Phone #: <b>) = 862</b> ~	- 9001		Facility Permit	Numbers	
and/or	TPS TECHNOLO					to Contact:			<u> </u>		.,
	12328 HIBISC	US AVE.			DAF	REN F	R. BAR	TLET	T		
Generator	Adelanto, CA	92301	U	SA		-246	-8004				
3en	Transporter Name and Maili	• •				orter's Pho			Transporter's U		
	W.A. WOODS I						27-136	7		965754	5
	10120 W. FRO	NTAGE ROAD			į	to Contact  BENS			Transporter's 1	DOLINO.:	
	SOUTH GATE,	CA 90280	u	SA			06-185	9	Customer Accord 10002	ount Number 38	with TPS:
	Description of Soil	Moisture Content	Contaminated by	: Appro	ox. Qty:	Descri	ption of Deli	ivery	Gross Weight	Tare Weight	Net Weigh
	Sand 🖸 Organic 🗆 Clay 🖸 Other 🔾	0 - 10%	Gas 🗅 Diesel 🗅 Other 🖸			٠			86160	30940	55200
	Sand 🖸 Organic 🕽 Clay 🗇 Other 🔾	0 - 10%	Gas 🖸 Diesel 🔾 Other 🖸								27-bl
	List any exception to items listed	above:		•			3°	819		•	
	Generator's and/or consu Sheet completed and cert any way. Print or Type Name:			hown a		l nothing l				that would	alter it in
L	Lheishab	poe	·	$\perp I$	15	Well			Mobil		23/98
Transporter	Transporter's certificatio condition as when receiv without off-loading, addi	ed. I/We further ce	rtify that this soil	is being	g directl	y transpor	ted from th	ch soil i e Gener	s being delivere ration Site to th	ea in exactly ie Designate	tne same d Facility
	Print or Type Name:	BENI	$\overline{\mathcal{J}}$	S	ignature a	nd date:	lew	1 S	-	Month	23/9
≥	Discrepancies:										<del></del>
nd Facility				,							•
2	Recycling Facility certifies	the receipt of the coil	conpred by this man	uifect exc	at ac no	ated ahone					
Pocyclina	Print or Type Name:	<u></u>		<u> </u>	Signaruje a	- i Z).	21	7	·	<u> </u>	<u>`_</u>
à	D. Bartlett	D. BENTON			V	X.	7/23	198	<u>,                                    </u>		

A P	Nana ana an		S Technol	_		_	cling			esiele Va	
	Date of Shipment:	Responsible for Pa		-Hazard Transporte		ls	Facility #:	Signature C:	ven by TPS:		Load#
1	7-23-98	Generato	ryment:		1 - 2 2	17	AØ7		.0998		063
<b> </b>	Generator's Name and Billing A	Address:	1.	160		or's Phone	<u> </u>		Generator's US	EPA ID No.	0001
	MOBIL OIL CORP				1 .		2-1857	7			
	3700 W. 190TH.		TPT2			o Contact:					1
	,										
	TORRANCE, CA S	90509-2929	) [	USA	FAX#:				100036		nth IPS:
	Consultant's Name and Billing	Address:	<del></del>		Consulta	ant's Phon	e#: _		100030	<u>,,, , , , , , , , , , , , , , , , , , </u>	· · ·
	ALTON GEOSCIE	NCE									
	25 A TECHNOLOG	GY DRIVE,	STE. 200	Ø	Person t	o Contact:	: '				***
					FAX#:				Customer Acco	unt Number v	vith TPS:
	IRVINE, CA 92	718	i	USA					100186		
<b> </b> [	Generation Site (Transport from	n): (name & address)			Site Pho	ne #:			BTEX Levels		
	MOBIL OIL PRO	DUCTION FI	ELD		Parcon	to Contact			TPH		
ا ≍	10607 NORWALK	BLVD			1	VE PA			Levels		- 1
ig II					FAX#:	Y.C	3LI		AVG.	J	
Consultant	SANTA FE SPRI		0670	USA	1				Levels		
	Designated Facility (Transport				1	Phone #: - 860 :	-8001		Facility Permit	Numbers	1
g/o	TPS TECHNOLOG				Person	to Contact	::				
rar	12328 HIBISCU	S AVE.				REN I	R. BAR	TLET	<u>T</u>		
raro	Adelanto, CA	92301		USA	FAX#:	-246	-8004				ļ
Generator and/or	Transporter Name and Mailing			0.574	<u>.                                    </u>	orter's Pho			Transporter's U	JS EPA ID No.	:
3	W.A. WOODS IN	•					27-136	7		965754	5
N. Carlo	10120 W. FRON	TAGE ROAD				to Contact			Transporter's E	OOT No.:	
					FAX#:	BEN			1958 Customer Acco		with TPS:
	SOUTH GATE, C	A 90280		USA			06-185		10002		<b>,</b>
	Description of Soil	Moisture Content	Contaminated	by: Appr	ox. Qty:	Descr	iption of Del	ivery	Gross Weight	Tare Weight	Net Weight
)	Sand 🔾 Organic 🕽 Clay 🔾 Other 🔾	0 - 10%	Gas D Diesel D Other D				·- · · - · · · · · · · · · · · · · · ·		9040	30840	48200
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A CALLET	Clay 3 Other 3  List any exception to items listed al	20% - over □	Other 🗅				7		1	<u> </u>	2-111
	The state of the s			<u> </u>			5082	<u>/</u>		· · · · · · · · · · · · · · · · · · ·	
A TO	Generator's and/or consult Sheet completed and certifi	ant's certification:	I/We certify that	t the soil r	eferenced	herein is	s taken entir	ely from	those soils desc	ribed in the	Soil Data alter it in
5	any way.	ieu by mejus joi ine	Generation Still	e snown u		nouning	nus been uud	neu or u	one to such son	timi woma	
	Print or Type Name:	Generator 🖸	Consultant	- /	ign tuk an	d date\	//		14	Month	Day Year
	MKISWYBO	<u> </u>	<u> </u>			1)1			T/Mobil	/ /	23 98
ter	Transporter's certification: condition as when received	: I/We acknowledg d I/We further ces	e receipt of the : rtifu that this so	soil des <b>bri</b> oil is heim	bed abov o directli	e and cer i transno	rtify that sur rted from th	ch soil i ie Gener	s being delivere ration Site to th	ed in exactly ie Desionate	the same d Facility
Transporter	without off-loading, adding	g to, subtracting fro	om or in any wa	y delaying	g delivery	to such	site.			0	
ran	Print or Type Name:	11/ 4		9	Signature an	(1)//	elA	9	-0	Month	2 7 Sear
_	Discrepancies:	K Frye				100	ecro	<del></del>	7X		Z 31 Z 2
₹	1 '										
acll		•									
1g F.	n	g			<del>\</del>	ad abase =		<del></del> -	<del></del>		
Į,	Recycling Facility certifies t Print or Type Name:	ne receipt of the soil	coverea by this m		cept ds moi Signature		<del></del>	<del></del>	<del></del>	/	
Recycling Facility	D. Bartlett/I	D. BENTON			X	10	>=	1/2	3/18	•	

		11.2	Technolo	gies Iazardo		_	ling		Zadeni	15 Sec. 10	7.7
	Date of Shipment:	Responsible for Pay	ment: Tra	nsporter			Facility #:		ven by TPS:		Load #
		Generator	`   C	14-	41	1	A07	1	.0998		061
	Generator's Name and Billing A MOBIL OIL COR 3700 W. 190TH	PORATION	Thro		(31	tor's Phone #  O) 212  to Contact:	_	7	Generator's US	EPA ID No.	<u> </u>
	TORRANCE, CA		IP12 US		FAX#:				Customer Acco		vith TPS:
	Consultant's Name and Billing ALTON GEOSCIE				Consul	tant's Phone	#:		100030	33	
	25 A TECHNOLO	GY DRIVE, S	STE. 200	ļ	Person	to Contact:					
	IRVINE, CA 92	718	บร		FAX#:	<del></del>		<del> </del>	Customer Acco		vith TPS:
	Generation Site (Transport from			İ	Site Ph	ione #:			BTEX Levels		
=	MOBIL OIL PRO 10607 NORWALK		ELD			to Contact:	<del></del>		TPH Levels		
Consultant	SANTA FE SPRI	NGS, CA 906	570 US	5A	FAX#:	EVE PAG			AVG. Levels		
	Designated Facility (Transport TPS TECHNOLOG	to): (name & address)				y Phone #: 0 - 862-	8001		Facility Permit	Numbers	
or and/or	12328 HIBISCU	S AVE.			DAF	to Contact: RREN R	. BAR	TLET	T		
Generator	Adelanto, CA	92301	ប្រ	SA	FAX#:	0-246-	8004				
Gen	Transporter Name and Mailing W.A. WOODS IN				(3)	oorter's Phon LO) 92		7	Transporter's U	JS EPA ID No 9 <b>65754</b>	
	10120 W. FRON	TAGE ROAD			RON	to Contact:  BENS	ON		Transporter's I		
	SOUTH GATE, C	A 90280	បទ	SA	FAX#:	LØ) 80	6-185	9	10002	ount Number 38	with TPS:
	Description of Soil	Moisture Content (	Contaminated by:	Approx	c. Qty:	Descrip	tion of Deli	very	Gross Weight	Tare Weight	Net Weigl
	Sand 🖸 Organic 🗓 Clay 🔾 Other 🖸	0 - 10%	Gas 🖸 Diesel 🖟 Other 🖸						४०३२०	3010U	50220
	Sand I Organic II Clay II Other II	0 - 10%	Gas 🖸 Diesel 🗅 Other 🔾								25.11
	List any exception to items listed al						3822				
	Generator's and/or consult Sheet completed and certifi any way.	ant's certification: I/\ ied by me/us for the C	We certify that th Generation Site sh	ie soil ref iown abo	ferences ove and	d herein is to I nothing ha	aken entire Is been ada	ely from led or do	those soils desc one to such soil	ribed in the that would	Soil Data alter it in
L		Generator D	Consultant 🖸		natule ar	WM			T-MoBI	117	23 98
Transporter	Transporter's certification: condition as when received without off-loading, adding	d. I/We further certi	fy that this soil i	is being	directly	y transporte	ed from the	h soil is e Gener	s being delivere ation Site to th	d in exactly e Designate	the same d Facility
Tran	Print Type Name:	16.2		Sign	nature ar	alle	IL.			Month 7	Day Yes
g Facility	Discrepancies:				_						
ng F	Recycling Facility certifies t	he receint of the soil con	pred by this mani-	feet even	( ac 20	ited ahone		• • •		<del></del>	-
Recycling	Print or Type Name lett/I		crea by this munity	-	mahure		7	122	160	~	<u>.</u>

			TP:	S Technolo	gies So azardous S	_	cling		Ve Memi	es i v	
***							Facility #:	C	en by TPS:		Load#
		ate of Shipment:	Responsible for Pa Generato	× 1/	oporter Truck	#: /	AØ7	l .	0998		064
		enerator's Name and Billing				rator's Phone	#: .2-1851	7	Generator's US	EPA ID No.	38
		3700 W. 190TH		TPT2		n to Contact:			·		4
4			·		FAX;				Customer Accor	ant Niambar a	ith TPC
		TORRANCE, CA	9 <b>050</b> 9-2929	US		:			10003E		1":
9	•	Consultant's Name and Billing			Cons	ultant's Phon	ne #:				
*	1	25 A TECHNOLO		STE. 200	Perso	on to Contact:	:				
No.		IRVINE, CA 92	718	US	FAX	t:			Customer Accor		rith TPS:
And Sugar		Generation Site (Transport from			Sîte	hone #:			BTEX Levels		
1	ı	MOBIL OIL PRO	DUCTION FI	ELD	Pers	on to Contact			TPH		
ant		10607 NORWALK	BLVD		ST	EVE PA			Levels		
Sandiar Sudlor Consultant	300	SANTA FE SPRI	NGS. CA 90	3670 US	FAX	<b>‡:</b>			AVG. Levels		
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į	5	TPS TECHNOLOG	SIES INC.			0-862					
700		12328 HIBISCU				on to Contact .RREN   1	: R. BAR	TLET	T		l
'n	ğ				FAX				<u> </u>		
1		Adelanto, CA	92301	บร	5A 76	0-246	-8004				
٠, ç	ian I	Transporter Name and Mailin W.A. WOODS IN			ţ	sporter's Pho	one #: 2 <b>7 - 136</b>	7	Transporter's U	IS EPA ID No. <b>965754</b> :	1.
	. 1	10120 W. FROM				on to Contac			Transporter's I		-
Ļ						N BEN	SON		1958		
er change		SOUTH GATE, O	CA 90280	US	SA FAX	#: 310) 80	06-185	9	Customer Acco 10002	ount Number 1 38	with IPS:
ļ		Description of Soil	Moisture Content	Contaminated by:	Approx. Qt	: Descr	iption of De	livery	Gross Weight		
A STATE OF THE STA		Sand  Organic  Organic  Other  O	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas 🗅 Diesel 🖸 Other 🗓					73860	2940	44220
(Street		Sand  Organic  Organic  Other  Other	0 - 10%	Gas □ Diesel □ Other □							22.36
j		List any exception to items listed	·			30	823				
1		Generator's and/or consul Sheet completed and certi	ltant's certification: fied by me/us for the	I/We certify that th Generation Site sh	e soil referen	ced herein is nd nothing	s taken entir has been ad	rely from ded or d	those soils desc one to such soil	ribed in the that would	Soil Data alter it in
ì		any way.	, , ,			, ,	11				
(MODELLA	1	Pfin or Type Name:	Generator 🗆	Consultant 🔾	figuation	and date:	la ag	CNT-	MABIL	Month	23 98
Î	į	Transporter's certification condition as when receive	1: I/We acknowledg	e receipt of the soil	described al	ove and cer	rtify that su	ch soil i	s being delivere	ed in exactly	the same
ł	por	condition as when received without off-looding, addit						ne Genei 1	unon sue w n 1	ie Designate	a Tuciniy
(Table	Transporter	Print or Type Name:			Signatur	and date:	1/10	X-X	<b></b>	Month	Day Year
1	_	Discrepancies:	9( )		<u> </u>	<i>Y</i>	w			/ /	
7	lity	•				•					
	Recycling Facility		•								
A 1555	lug	Recycling Facility certifies	the receipt of the soil	covered by this mani	fest except us	noted above:				<del>,,,</del>	
	cycl	Exint or Expe Name D. Bartlett/				e and ofte:	71	_ 1	<u> </u>		
100	Re				14	X	.Tp	-3F1	8		

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, i again	Date of Chiamont	Responsible for Pa Generato			r Truck-#:		Facility #:	Giv	en by TPS:	The Table of the San San San San San San San San San San	Load #
	1-23.98	Generato	r	12.	2/27	2	A07	1	<b>0</b> 998		ø62 <sub> </sub>
	Generator's Name and Billing A				Generator				Generator's US	EPA ID No.	
	MOBIL OIL CORP	•	•		ļ		2-185	7			
	3700 W. 190TH.	STREET -	TPT2		Person to	Contact:					Į.
	TORRANCE, CA S	00509-2929	į	JSA	FAX#:		<u>.</u>		Customer Accou		ith TPS:
	Consultant's Name and Billing A	Address:			Consultar	it's Phon	e #:				
	ALTON GEOSCIEN	ICE									
	25 A TECHNOLOG	SY DRIVE,	STE. 200	ð.	Person to	Contact:					
	IRVINE, CA 927	718	Į	JSA	FAX#:				Customer Accor		rith TPS:
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	MOBIL OIL PROD		ELD		Person to	Contact:			TPH		
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Consultant					FAX#:				AVG. Levels		
Suc	SANTA FE SPRIM		1670	USA	To allow F	In a.a.s. 40			Facility Permit	Mumbare	
	Designated Facility (Transport t				Facility F		-8001		raciny remit	Minners	1
o/p	TPS TECHNOLOG				Person to	Contact					
Generator and/or	12328 HIBISCUS	o AVE.			<b> </b>	REN F	R. BAR	TLET	T		
rato	Adelanto, CA	92201	1	USA	FAX#:	.246.	-8004				
ene	Transporter Name and Mailing		<u> </u>	UJA	Transpor				Transporter's U	IS EPA ID No.	:
Q	W.A. WOODS IN				,		27-136	7	CAD00	965754	5
	10120 W. FRON	TAGE ROAD	•			Contact			Transporter's E	OT No.:	
						BEN			1958 Customer Acco	ont Number 1	with TPS:
	SOUTH GATE, C	A 90280		USA	(3)	ð) 8(	a6-185	59	10002	38	
		Moisture Content	Contaminated	by: Appr	ox. Qty:	Descri	ption of De	livery	Gross Weight	Tare Weight	Net Weight
	Sand  Organic  Oclay  Other  O	0 - 10%	Gas 🗅 Diesel 🗅 Other 🗓						89410	30640	49500
	Sand D Organic D Clay D Other D	0 ~ 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas 🖸 Diesel 🔾 Other 🖸							_	24.90
	List any exception to items listed ab				·————	30	0825				
	Generator's and/or consulto Sheet completed and certific	ant's certification: ed by me/us for the	I/We certify that Generation Site	the soil is	referenced above and	herein is	taken entir	rely from ded or d	those soils desc one to such soil	ribed in the that would	Soil Data alter it in
	any way. Pant or type Name:	Generator 🔾	Consultant	0 19	ighature and	date:				Month	Day Year
	Cheis Web	hell	Consumi		MA	Just	7 A	gen?	T- NuBIL	7	23 98
à	Transporter's certification:	I/We acknowledg	e receipt of the s	soil descr	ibed aboye	and cer	tify that su	ch soil i	s being delivere	ed in exactly	the same
Š	condition as when received without off-loading, adding	1. 1/We further cei o to subtractin⊶re	rtify that this so m or in any wa	nt is bein u delavin	g diregily deliveru	transpoj to such l	nga from, ij site.	ng Gener T	ration Site to th	ie Designute	u Tuching
Transporter	Print or Type Name:	10/15			Signature and	/_/	//			Month	المراقع المراقع
۴	- (1/2/0/01)	M. ORA	07	$-/\bot$		4_	<u> </u>				2 6
2	Discrepancies:	-									
ù	<u> </u>				<del></del>		·				
	Recycling Facility certifies to	he receipt of the soil	covered by this m					T			
Controlled Facility	Print or Type Name:  D. Bartlett/I	D. BENTON			Signature and	date	71	$I_{\Omega^{3}}$	lad		
	·				V	グタ	- "1	グリ	178		

		ing in the second	TP	S Techno Non	logies -Hazard		_	cling			fest'# º↓	
	Ī	Date of Shipment:	Responsible for F Generato	ayment:	Transporter	Truck		Facility #:.		ven by TPS: .0998	· · · · ·	Load # 065
	ı	Generator's Name and Billing MOBIL OIL COR 3700 W. 190TH	PORATION	- TPT2		(31	tor's Phone  2) 21 to Contact:	#: .2-1857		Generator's US	EPA ID No.	970
		TORRANCE, CA	<b>90509-2</b> 929		JSA	FAX#:			-	Customer Acco		vith TPS:
		Consultant's Name and Billing ALTON GEOSCIE	NCE		_		tant's Phon					
	١	25 A TECHNOLO				FAX#:				Customer Acco	ount Number v	with TPS:
A STATE OF THE STA	L	IRVINE, CA 92 Generation Site (Transport from	3		USA	Site Ph	one #:		<del></del>	100180 BTEX Levels	55	
1	1	MOBIL OIL PRO 10607 NORWALK	·	IELD			to Contact:			TPH Levels		
onsulta	-	SANTA FE SPRI Designated Facility (Transport		0670 i	USA	FAX#:	/ Phone #:			AVG. Levels Facility Permit	Numbers	
Generator and/or Consultant		TPS TECHNOLOG	SIES INC.			800 Persor DAF	0-862- to Contact		TLET	<u> </u>	TVUITDETS	
Generalo		Adelanto, CA Transporter Name and Mailin W. A. WOODS IN	g Address:		USA	Transp	0-246-		7	Transporter's I	JS EPA ID No <b>965754</b>	1
		10120 W. FROM				Persor	to Contact	<del>.</del>	,	Transporter's I	OOT No.:	
		SOUTH GATE, C	A 90280  Moisture Content		USA	(3)		26 - 185° ption of Deli		10002	38	Net Weight
		Sand I Organic II Clay II Other II	0 - 10%	Gas 🖸 Diesel 🖸 Other 🗓	-J. 1.4PP1-0	u.y.		P			1	-
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		List any exception to items listed a  Generator's and/or consul		I/We certify that	the soil re	eference		0826 taken entire		those soils desc	rihed in the	Soil Data
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T Continue Coulling	несусиив	Recycling Facility certifies  Print or Type Name: D. Bartlett/	· · · · · · · · · · · · · · · · · · ·	covered by this mu	anifest exce	<del></del>	ted above:	71	1	- ^ ^ -		
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ł	ling Fa	Recycling Facility certifies t	he receipt of the soil c	overed by this m	anifest exce	pt as noted	l above:					
	Recycling Facility	Print or Type Name D. Bartlett/I				gnaturi and c		71	72	190	/	
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Grand and	Generator's Name and Billing MOBIL OIL COR 3700 W. 190TH	PORATION		11-	General	or's Phone  2) 21  to Contact:	<u> </u>	Generator's US	EPA ID No.	<b>00</b> 7	
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100 m	Consultant's Name and Billing ALTON GEOSCIE 25 A TECHNOLO	INCE	STE. 200	)		ant's Phone to Contact:	e #:				
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- Generate	Adelanto, CA Transporter Name and Mailin W. A. WOODS II 10120 W. FROI	ng Address: NDUSTRIES	<u> </u>	JSA	Transp	-246 - orter's Pho Ø) 92 to Contact	ne #: 2 <b>7-1</b> 367	Transporter's I  CADØØ  Transporter's I	965754	1	
Carried Services	SOUTH GATE,	CA 90280	· I	USA		BEN9 (0) 8(	SON 06-1859	1958 Customer Acco 10002	ount Number 38	vith TPS:	
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All Anna Anna	Clay 3 Other 3	10 - 20% 🗔 20% - over 🗓 above:	Diesel 🗅 Other 🙃				308	331		23.27	
	Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in anyway.  Ikino of type Name:  Generator  Consultant  Signature and state:  AR'S WeBBIR  Generator  Generato										
nsporter	Wansporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.										
Facility	Print for Type Name:  Signature and libte:  Month Day Year  7 23 9B  Discrepancies:										
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	SOUTH GATE,	C1 00000				FAX#:	N BENS			1958 Customer Acco		with TPS:
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1.50	es prince yes		<b>#</b>				<del></del>				and the second second	

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ou	Designated Facility (Transport	<del></del>	SOLVE US	· A	Facility	Phone #:			Facility Permit	Numbers	
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7.30	12328 RIBISCU	D AVE.			DARREN R. BARTLET			T			
ato		00004			FAX#: 760-246-8004						1
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Ğ	W.A. WOODS IN	-			1 '		 27-136'	7	1 -	965754	
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,	SOUTH GATE, (	CA 90280	us	SA.	FAX#:	.Ø) 80	06-185	9	Customer Acco	ount Number i 38	with TPS:
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gu	Recycling Facility certifies	the receipt of the soil	covered by this mani	fest excé	pt as no	ted above:		~		<del> </del>	
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ratc	Adelanto, CA	92201		USA	FAX#: 760-246	-0004				1
ene	Transporter Name and Mailing			USA	Transporter's Pho		***	Transporter's U	JS EPA ID No.	
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	Description of Soil	Moisture Content  0 - 10% □	Contaminated	by: Appr	ox. Qty: Descr	iption of Deli	very	Gross Weight	Tare Weight	Net Weight
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insk	without off-loading, adding	s to suggracting fro	un or in any wa 		ignature and date:	Site.	•		, Month ,	Day Year
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clin	Recycling Facility certifies th	he receipt of the soil o	covered by this m	anifest exc	<del>1</del>		-			
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nd	12328 HIBISC	US AVE.			Person to Contact: DARREN R. BARTLETT						
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<u> </u>	Adelanto, CA	92301	បះ	SA.	1	46-800	4	İ			
ene	Transporter Name and Mail			<del></del>	Transporter	's Phone #:		Transporter's U	IS EPA ID No.	:	
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ter	Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility										
Transporter	without off-loading, add	ing to, subtracting fr	om or in any way o	lelaying	delivery to	sych site.	Hie Oche	OHE IO H			39.
SUE	Print or Type Name:				ignature and dat	7	5	1,	Month	Day Year	
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Dalland	Print or Type Name: D. Bartlett	/D. BENTON		5	ingradure and	5 t	123,	198			Section 1995

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¥	M	OBIL OIL COR	PORATION			<u></u>		2-185	7		·	
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	1:	IRVINE, CA 92	718		USA	FAX#:				100186		vith TPS:
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	- 1	W.A. WOODS IN					to Contact	27-136	.7	Transporter's I	965754	2
▋፟	١	10120 W. FROM	TAGE RUAD				BENS			1958	JO1 116	
	1				1101	FAX#				Customer Acco		with TPS:
	-	SOUTH GATE, C  Description of Soil	Moisture Content	Contaminate	USA d by: Annr			26-185 ption of De		10002:		Net Weight
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		Clay 🔾 Other 🔾	10 - 20% 🖫 20% - over 🖫	Diesel 🗅 Other 🗘	,		-,			86260	31860	48400
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		List any exception to items listed :	above;				حط م	30 X	42			
		Generator's and/or consul	tant's certification:	I/We certify th	at the soil r	eference	l herein is	taken entii	rely from	those soils desc	ribed in the	Soil Data
-		Sheet completed and certi	fied by me/us for the	Generation S	ite shown a	bove and	nothing l	has been ad	lded or do	me to such soil	that would	alter it in
		arty way.		<u> </u>		HI		-  /			, Month ,	Day Year
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	2	Print of Type Name:	c11.7		1	Sighature ar	d date:	١.			Month	23 90
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24,745	Date of Shipment:	Responsible for Pa Generato:	yment: Tra		ous Soils	Facility #:	1	en by TPS: 0998		Load# 073
1	Generator's Name and Billing. MOBIL OIL COR. 3700 W. 190TH	PORATION	TPT2	100	Generator's Pt	none #: 212-185		Generator's US I	EPA ID No.	
	TORRANCE, CA	90509-2929	ប់៖	SA	FAX#:			Customer Accou		ith TPS:
	Consultant's Name and Billing ALTON GEOSCIE	NCE			Consultant's     Person to Con					
	25 A TECHNOLO IRVINE, CA 92			SA	FAX#:			Customer Accou		rith TPS:
1	Generation Site (Transport from		ELD		Site Phone #:	~		BTEX Levels		
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J/or c	TPS TECHNOLOG	GIES INC.			800-86 Person to Co DARREI	2-8001	RTLET			
Gerrara	Adelanto, CA Transporter Name and Mailir W.A. WOODS IN	ng Address:	<u>u</u>	ISA	Transporter's	16-8004 5 Phone #: 927-13	67	Transporter's L	IS EPA ID No. 365754:	1
	10120 W. FROM	NTAGE ROAD			Person to Co RON BI FAX#:	ntact: ENSON		Transporter's D 1958 Customer Acco	OOT No.:	
	SOUTH GATE, O	CA 90280 Moisture Content	Contaminated by	JSA y: Appr		806-18 escription of D		10002: Gross Weight		Net Weight
	Sand II Organic II Clay II Other II	0 - 10%	Gas 🗓 Diesel 🗓 Other 🗓				<u> </u>	78780	3/820	46960
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	List any exception to items listed		·	······································		30841				
	Generator's and/or consu Sheet/completed and certi any way.	ified by me/us for the	Generation Site	shown a	above and floth	in is taken ent ing has belin a	tirely from added or d	those soils desc one to such soil	tnat woula	atter it in
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_	Print or Type Stand	Squire!	<u></u>			D) jill				23 VY
3 Facility										
Recycling	Recycling Facility certifies Print or Type Name: D. Bartlett		covered by this ma		cept as noted at	= -7	•	10 1	_ <del></del>	
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128/184	Date of Shipment:	Responsible for P		ransporte			Facility #:	Salaran Cir	ven by TPS:		Load #
	Date of Shipment.	Generato	nr l	•			A07		. <b>0</b> 998		072
	C / N I DUI			28-			<u>!</u>		Generator's US	TOA ID N	0/2
	Generator's Name and Billing MOBIL OIL COR				1	or's Phone	# 2-1857	7	Generator's US	EPA IU No.	
	3700 W. 190TH		- יייסיי			to Contact:		· ·		•	
	2700 #. 12011	. Since:	1112		ļ						•
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	ALTON GEOSCIE	ENCE									
	25 A TECHNOLO	GY DRIVE,	STE. 200	)	Person	to Contact:					
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	IRVINE, CA 92	2718	υ	JSA	1717(11.				100186		villi 11 J.
	Generation Site (Transport fro	om): (name & address)			Site Pho	one #:			BTEX		
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ö	Designated Facility (Transpor	10K	Facility	Phone #:			Facility Permit	Numbers			
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uer	Adelanto, CA Transporter Name and Mailin		<u> </u>	JSA	<del></del>	-246-			T /- I	ic cov to ve	
ŝ	W. A. WOODS I				1 1	orter's Pho の) 92	ne #: 2 <b>7-1</b> 36	7	Transporter's U	965754	
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					RON	BENS	SON		1958		
	SOUTH GATE,	CA 90280	Į.	JSA	FAX#:	.0) 80	06-185	9	Customer Acco	ount Number ( 38	with TPS:
	Description of Soil	Moisture Content	Contaminated b	y: Appro	ox. Qty:	Descri	ption of Del	ivery	Gross Weight	Tare Weight	Net Weigh
	Sand 🗅 Organic 🗓 Clay 🕽 Other 🗓	0 - 10%	Gas D Diesel D Other D				·		84040	54980	5498
	Sand 🗆 Organic 🗅 Clay 🗅 Other 🗀	0 - 10%	Gas 🗅 Diesel 🗅 Other 🗅								27.49
	List any exception to items listed	above:		•			368	47			
	Generator's and/or consu Sheet completed and cert any way. Innt by Type Name:		e Generation Site	shown al		nothing l	ras been ide	ted or d	one to such soil	that would	
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6	Transporter's certification						tify that suc	ch soil i	being delivere		
ro	condition as when receive	ed. I/We further ce	rtify that this soi	l is being	directly	y transpor	ted from th				
Transporter	without off-loading, addi	ng 10, subtracting fr	um or in any way		gnature 4		nie.		······································	, Month	Day Yes
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Г	Discrepancies:	/   - W	<i>Lo. )</i>			,_,_		1	<i>-</i>		
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Recycling Facility		•									
Recycling Facility											
170.	Recycling Facility certifies	the receipt of the soil	covered by this ma	<u> </u>	<del>`                                    </del>	· · · · · · · · · · · · · · · · · · ·					
20	Print or Type Name: D. Bartlett/	D. BENTON	•	S	ignature a	a date!	Ho	2 lc	٠. م		
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	ikanitest.						right-differ a state of the Control	lest#∦↓			
	Date of Shipment:	Responsible for P Generato		Transpor	ter Truck #	_	Facility #:		ven by TPS:	-	Load#
					<u> </u>		A07	1	<b>0</b> 998		076
	Generator's Name and Billing				1	tor's Phone		<del>.,</del>	Generator's US	EPA ID No.	
	MOBIL OIL COR 3700 W. 190TH	•	·			to Contact:	2-1857	/		<del> </del>	
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	TORRANCE, CA	90509-2929	Э	USA	FAX#:				Customer Accord		vith TPS:
	Consultant's Name and Billing ALTON GEOSCIE				Consul	tant's Phone	e #:				
No.	25 A TECHNOLO	GY DRIVE,	STE. 20	<b>0</b> 0	Person	to Contact:					
	IRVINE, CA 92	718		USA	FAX#:				Customer Accor 100186		vith TPS:
	Generation Site (Transport from	n): (name & address)			Site Ph	one #:	,		втех		
	MOBIL OIL PRO	DUCTION F	IELD		-			··	Levels		
	10607 NORWALK	BLVD			1	to Contact:			TPH Levels		
Tan I	1				SIE FAX#:	VE PA	.U		AVG.		
Sui	SANTA FE SPRI	NGS, CA 90	2670	USA	1100%				Levels		ı
િંહ	Designated Facility (Transport				Facility	/ Phone #:			Facility Permit	Numbers	
5	TPS TECHNOLOG	SIES INC.			<del></del>	-862-	·				
rand	12328 HIBISCU	S AVE.				to Contact:	BAR	TLET	r		
Generator and/or Consultant	Adelanto, CA	92301		USA	FAX#: <b>76</b> 0	-246-	8004				
E FO	Transporter Name and Mailin	• •			1 .	orter's Pho			Transporter's U		į
	W.A. WOODS IN					to Contact:	27-136	7	Transporter's I	965754	5
	10120 W. FROM	ITAGE ROAD				BENS			1958	OT No.:	
	GOUMY G 1 MD 6				FAX#:				Customer Acco 10002	ount Number	with TPS:
	SOUTH GATE, C	Moisture Content	Contaminate	USA			06-185 ption of <b>D</b> el		Gross Weight		
	Sand 🕽 Organic 🕽	0 - 10%	Gas 🗅	<u> </u>		,					_
	Clay 🔾 Other 🔾	10 - 20%	Diesel 🔾 Other 🖸 Gas 🗓			<del></del>	·····		87680	31000	Sues
1	Sand ① Organic ① Clay ② Other □	10 - 20% 🗔 20% - over 🗔	Diesel 🗆 Other 🗅						·		Z8.3/
V	List any exception to items listed a					3	1686	·		•	J
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M	any way.	Generator 🗅	Consultant	••	Signature as		//		· · · · · · · · · · · · · · · · · · ·		Day Year
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JSC JSC	without off-loading, adding	g to, subtracting fro	om or in any u	ay delayi		· · · · · · · · · · · · · · · · · · ·	ite.		<del></del>		
Ē	Print or Ture Name:	. DEGAL	)O		Signature a	nd date:	R.	De	gado	Month	73 28
112	Discrepancies:								-		
Facility		•									
		the receipt of the soil	covered by this	xcept as no	ted above:		····		<del></del>		
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TPS Technolog Non-Haz  Date of Shipment: Responsible for Payment: Transp					_		_	cling		V Marri	estal y		
Γ		Date of Shipment:		ayment:	Transporte	r Truck #	:	Facility #:	Giv	en by TPS:		Load #	
			Génerato	r	2-1	<b>7</b> ) C	8	A07	1	<b>0</b> 998		075	
	1	Generator's Name and Billing A	ddress:			Genera	tor's Phone	#:		Generator's US	EPA ID No.	<u> </u>	蒙
1		MOBIL OIL CORP	ORATION	•		(31	<b>0)</b> 21	2-185	7				4
		3700 W. 190TH.	STREET -	TPT2		Person	to Contact:		1				*
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		TORRANCE, CA S	90509-2929	, 1	USA	FAX#:				Customer Accou		rith TPS:	1
	L	Consultant's Name and Billing	***************************************			Coneul	tant's Phon		j	100036	<u> </u>		4
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	1	25 A TECHNOLOG		STF 200	Ø	Person	to Contact:	:				<del></del>	3
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-		· · · · · · · · · · · · · · · · · · ·			USA					100186	55		
		Generation Site (Transport from				Site Ph	one #:			BTEX Levels			12
1	i	MOBIL OIL PRO	DUCTION FI	ELD		Person	to Contact	<del></del>		TPH			1
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Į	anc	12328 HIBISCU					R. BAR	TLET	<u></u>				
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ı	Generator	Adelanto, CA			USA	,	1-246						
1,	e.	Transporter Name and Mailing				,	orter's Pho		_	Transporter's U			
	Ĭ	W.A. WOODS IN					to Contact	27-136	7	Transporter's E	9657545	<u> </u>	-
-1		10120 W. FRON	TAGE ROAD			Ì	BENS			1958	701 Hu		
ı						FAX#:				Customer Acco	ount Number	with TPS:	
١		SOUTH GATE, C		<del>,</del>	USA			06-185		10002	<del> </del>	Naki Walaba	
		Description of Soil	Moisture Content	Contaminated  Gas 3	by: Appr	ox. Qty:	Descr	iption of De	livery	Gross Weight		Net Weigh	
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		Clay 🗆 Other 🔾	20% - over 🗅	Other 🕽						<u> </u>	<u> </u>	0.00	_
		List any exception to items listed al	bove:				3089	52				· ·	
		Generator's and/or consult	ant's certification:	I/We certify tha	t the soil r	eference	d herein is	taken entir	ely from	those soils desc	ribed in the	Soil Data	
		Sheet completed and certifi any way,	ea by me/us for the	Generation Sit	e snown a	oooe uni	i noining	nas oeen au 	aea or a	one to such sou	that would i	HTTET IT III	Á
- 1		Printer Type Name:	Generator D	Consultant	- I	igyatyre a	nd date	<del>///</del>		1, 1	Month	Day Year	
	·	1 6213 Will	bee		· /		4)4	110	CUT	-Mal: /	7	23 98	
	er	Transporter's certification:	I/We acknowledg	e receipt of the	soil descri	bed abo	ve and cer	tify that su	ch soil i	s being delivere	d in exactly	the same	
ì	Transporter's certification: I/We acknowledge receipt of the soil descondition as when received. I/We further certify that this soil is be without off-loading, adding to, subtracting from or in any way delay						y transpo	rted from th	he <del>Gener</del>	ation Site to th	ie Designate	d Facility	
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N. S.	Recycling Facility certifies the receipt of the soil covered by this manifes  Print or Type Name:  D. Bartlett/D. BENTON						sted ahome-				· · · · · · · · · · · · · · · · · · ·		<b>—</b>
菱	/cll	Print or Type Name		Signature a				<del></del>			_		
	3ec)	Printor Type Name: D. Bartlett/I	D. BENTON		Ì						h 1/2	2/98	X
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A	Date of Shipment: 7-23-98	Responsible for P. Generato	ayment: Tra	nspoyter	Truck #	<i>j</i>	Facility #:	İ	en by TPS: <b>2998</b>		Load # 8
	Generator's Name and Billing. MOBIL OIL COR 3700 W. 190TH	PORATION	TPT2		(31)	or's Phone  2) 21 to Contact:			Generator's US	EPA ID No.	[8/9]
	TORRANCE, CA	90509-2929		Α	FAX#:				Customer Accor		rith TPS:
A Section	Consultant's Name and Billing ALTON GEOSCIE 25 A TECHNOLO	NCE	STF 200			ant's Phone	e #: 				3
	IRVINE, CA 92	·	US	SA	FAX#:				Customer Accord		vith TPS:
	Generation Site (Transport from	•	TELD		Site Pho	~ <b>.</b>			BTEX Levels		
fram	10607 NORWALK	BLVD				to Contact: VE PA			TPH Levels		
Consu	SANTA FE SPRI Designated Facility (Transport		0670 บร	SA.		Phone #:	0004		Levels Facility Permit	Numbers	
Generator and/or Consultant	TPS TECHNOLOG 12328 HIBISCU				Person	-862- to Contact: REN R	~	TLET	Г		
neralo	Adelanto, CA Transporter Name and Mailin		US	5 A		-246-			Transporter's U	IS EPA ID No	
5	W.A. WOODS IN 10120 W. FRON	IDUSTRIES		Transporter's Phone #: (310) 927-136' Person to Contact:				7	-	965754	1.
gover exerti	SOUTH GATE, C	CA 90280	US	5A	FAX#:	BENS 0) 80	<u>50N</u> 06-185	 i9	1958 Customer Acco 10002:		with TPS:
	Description of Soil	Moisture Content	Contaminated by:	Appro	x. Qty:	Descri	ption of Del	livery	Gross Weight	Tare Weight	Net Weight
Marie provided	Sand 🔾 Organic 🗅 Clay 🕽 Other 🗅	0 - 10%	Gas 🖸 Diesel 🗓 Other 🗓			<del></del>			76460	29080	47340
Michael Call	Sand Organic O Clay O Other O List any exception to items listed a	0 - 10%	Gas 🗅 Diesel 🗅 Other 🖸	-		<u></u>	140				23.69
in the second	Generator's and/or consul Sheet completed and certij					l herein is		ely from			
	any way. Print or Tipe Name:	Generator 🗓	Consultant Q		gat fre an			19e ~	/u l.	<u> </u>	23 98
orter	Transporter's certification condition as when receive	ed. I/We further cer	rtify that this soil i	is being	dīrectly	transpor	tify that su ted from th	ch soil is	being delivere		the same
Transporter	without off-loading adding	ng to, subtracting fro	om or in any way d		gnature di	<i></i>	glai	el	<del>,</del>	Month	Day Year
Facility	Discrepancies:			<u></u>			<del></del> -	<del>-</del> ,			
Recycling Fa	Recycling Facility certifies		covered by this mani		<u> </u>				···		
Recy	Print or Type Name: D. Bartlett/	D. BENTON		\$	graf ure ar	B	7/2	3/	98		

				_	s Soil Recy	cling				
		and the second second second			lous Soils				TEST CONTRACTOR	
	Date of Shipment:  7-23-98	Responsible for I Generate	Payment:	Transporte	6-216	Facility #: AØ7		en by TPS: 0998		077
	Generator's Name and Billing				Generator's Phone		1	Generator's US	EPA ID No.	
	MOBIL OIL COR				(310) 21 Person to Contact:		·			
	3700 W. 190TI	1. STREET	- TPT2		reison to Contact.					
	TORRANCE, CA	90509-2929	∋	USA	FAX#:			Customer Acco		vith TPS:
	Consultant's Name and Billin	ng Address:	<del></del>		Consultant's Phon	e # <del>.</del>				-
	ALTON GEOSCIE	ENCE								
	25 A TECHNOLO	OGY DRIVE,	STE. 20	00	Person to Contact:					
					FAX#:			Customer Acco	unt Number v	with TPS:
	IRVINE, CA 93	2718		USA				100186		
	Generation Site (Transport fr	om): (name & address)			Site Phone #:			BTEX		
	MOBIL OIL .PRO	DDUCTION F	IELD			<del>-</del>	i	Levels		
اڀ	10607 NORWALI	K BLVD			Person to Contact:			TPH Levels		
Itar					STEVE PA	·U		AVG.	<del> </del>	
Consultant	SANTA FE SPR	INGS, CA 9	<u>067</u> 0	USA			į.	Levels		
- 1	Designated Facility (Transpo	rt to): (name & address)			Facility Phone #:			Facility Permit	Numbers	
and/or	TPS TECHNOLOG	GIES INC.	,		800-862-					
anc	12328 HIBISC	US AVE.			DARREN F		LETI	•		
tō					FAX#:					
enerator	Adelanto, CA			USA	760-246-	-8004	ŀ			
Ger	Transporter Name and Maili		Transporter's Pho		ļ	Transporter's U				
. 1	W.A. WOODS I				(310) 92 Person to Contact			CADØØ¹ Transporter's I	965754	5
	10120 W. FRO	NTAGE RUAD			RON BENS			1958	JOT 180.:	
	1				FAX#:			Customer Acco		with TP5:
	COUTU CATE	C 4		110 4						
	SOUTH GATE,  Description of Soil	CA 90280 Moisture Content	Contaminated	USA bv: Appr	(310) 80 ox. Qtv: Descri			10002 Gross Weight	1	Net Wei
	Description of Soil		Contaminated	by: Appr		ption of Deliv		10002 Gross Weight	Tare Weight	
	<del></del>	Moisture Content  0 - 10% □ 10 - 20% □	Gas 그 Diesel 그	by: Appr			ery	Gross Weight	Tare Weight	
	Description of Soil  Sand	Moisture Content  0 - 10%	Gas Diesel DOther DGGas DGGas	by: Appr			ery	<del> </del>	Tare Weight	
	Description of Soil  Sand  Organic  Other  Other	0 - 10% □ 10 - 20% □ 20% - over □	Gas Diesel Dother D	by: Appr			ery	Gross Weight	1	
	Description of Soil  Sand  Organic  Other  Other  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic   Organic  Organic  Organic  Organic  Organic  Organic  Organic	Moisture Content   0 - 10%   10 - 20%   1   20% - over   1   10 - 20%   1   20% - over   1	Gas Diesel DOther DGas Diesel D	by: Appr	ox. Qty: Descri	ption of Deliv	ery	Gross Weight	Tare Weight	
	Description of Soil  Sand	Moisture Content  0 - 10% □ 10 - 20% □ 20% - over □  0 - 10% □ 10 - 20% □ 20% - over □  above:	Gas Diesel Dother Diesel Diesel Dother D	by: Appr	ox. Qty: Descri	ption of Deliv	ery	Gross Weight	Tare Weight	47240 24.62
	Description of Soil  Sand Organic Other Ot	Moisture Content   0 - 10%   10 - 20%   120% - over   10 - 20%   10 - 20% - over   1	Gas Diesel Dother Dothe	by: Appr	ox. Qty: Descri	ption of Deliv	ery	Gross Weight	Tare Weight  36920  ribed in the	47248 24.62 Soil Data
	Description of Soil  Sand	Moisture Content   0 - 10%   10 - 20%   120% - over   10 - 20%   10 - 20% - over   1	Gas Diesel Dother Dothe	by: Appr	ox. Qty: Descri	ption of Deliv	ery	Gross Weight	Tare Weight  36920  ribed in the	47248 24.62 Soil Data
	Description of Soil  Sand Organic Other Ot	Moisture Content   0 - 10%   10 - 20%   120% - over   10 - 20%   10 - 20% - over   1	Gas Diesel Dother Dothe	by: Approach	ox. Qty: Descri	ption of Deliv	ery y from t. d or dor	Gross Weight  SOISO  hose soils describe to such soil	Tare Weight  369 20  cribed in the that would	47240 24.62 Soil Data alter it in
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rter	Description of Soil  Sand Organic Other Ot	Moisture Content  0 - 10%	Gas Diesel Dother Dothe	at the soil re shown a	eferenced herein is bove and nothing henature and date:	taken entirely as been adde	y from to	Gross Weight  SOI 80  hose soils descreto such soil  Ti-Musi being delivere	Tare Weight  36920  cribed in the that would a month of the exactly	Soil Data alter it in the same
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$\vdash$	Description of Soil  Sand Organic Other Ot	Moisture Content  0 - 10%	Gas Diesel Dother Dothe	at the soil rete shown a soil descrioil is being ay delaying	eferenced herein is bove and nothing hereing had date: bed above and cert directly transport delivery to such s	taken entirely as been adde	y from to	Gross Weight  SOI 80  hose soils descreto such soil  Ti-Musi being delivere	Tare Weight  36920  cribed in the that would a Month of the exactly the Designate.	Soil Data alter it in the same d Facility
$\vdash$	Description of Soil  Sand Organic Other Ot	Moisture Content  0 - 10%	Gas Diesel Dother Dothe	at the soil rete shown a soil descrioil is being ay delaying	eferenced herein is bove and nothing hereing had date: bed above and cert directly transport delivery to such s	taken entirely as been adde	y from to	Gross Weight  SOI 80  hose soils descreto such soil  Ti-Musi being delivere	Tare Weight  36920  cribed in the that would a Month of the exactly the Designate.	Soil Data alter it in the same d Facility
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Facility	Description of Soil  Sand Organic Other Ot	Moisture Content  0-10%	Gas Diesel Dother On Other On Other On Other On Other On Other Oth	at the soil research the soil described described by:  Soil described described by delaying d	eferenced herein is bove and nothing he was not a date:  bed above and cert a directly transper a delivery to such signature and date:	taken entirely as been adde	y from to	Gross Weight  SOI 80  hose soils descreto such soil  Ti-Musi being delivere	Tare Weight  36920  cribed in the that would a Month of the exactly the Designate.	Soil Data alter it in the same d Facility
Facility	Sand Organic Other	Moisture Content  0-10%	Gas Diesel Dother On Other On Other On Other On Other On Other Oth	at the soil research the soil described described by:  Soil described described by delaying d	eferenced herein is bove and nothing hereing directly transport delivery to such signature and dose:	taken entirely as been adde	y from to dor dor Soft is General	Gross Weight  SOI 80  hose soils describe to such soil  SI - Myloi being deliveretion Site to th	Tare Weight  36920  cribed in the that would a Month of the exactly the Designate.	Soil Data alter it in Day 23 Control
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			TP		_	gies Soil Recycling  lazardous Soils						
		eksinatesis	Secretary and the second							¥ Manii	est# w	
1	I	Date of Shipment:	Responsible for Pa Generato	ayment:	Transporte			Facility #:		en by TPS:		Load #
	L	7-23-98			163	-22		A07	1	0998		078
١		Generator's Name and Billing MOBIL OIL COR	•			1	tor's Phone	#: .2-1857		Generator's US	EPA ID No.	
	ı	3700 W. 190TH		רדים די			to Contact:	2 100/				
		3,00 11 13011	01111	11.12								
		TORRANCE, CA	90509-2929	)	USA	FAX#:				Customer Accord		rith TPS:
•		Consultant's Name and Billin	•			Consul	tant's Phon	e #:				
		25 A TECHNOLO	OGY DRIVE,	STE. 20	10	Person	to Contact:					
	L	IRVINE, CA 92			USA	FAX#:				Customer Accord 100186		vith TPS:
· .	- 1	Generation Site (Transport from MOBIL OIL PRO		ELD		Site Ph	one #:			BTEX Levels		6.
(	1	10607 NORWALI				Person	to Contact:			TPH Levels		
, and	ğ					STE FAX#:	VE PA	70		AVG.		
100	7	SANTA FE SPR	INGS. CA 90	0670	USA	FAX#:				Levels		
٥	3	Designated Facility (Transpo				Facility	/ Phone #:			Facility Permit	Numbers	,
Š	5	TPS TECHNOLOG	GIES INC.			<del>}</del>	-862-					
Constant and/or Constillant	alla	12328 HIBISC	US AVE.			Person to Contact: DARREN R. BARTLE			LET	T		
	aic	Adelanto, CA	92301		USA	FAX#: 760-246-8004				1		
Ì	ž	Transporter Name and Maili		*****		760-246-8004  Transporter's Phone #:				Transporter's U	IS EPA ID No.	: '
•	٦	W.A. WOODS I	NDUSTRIES					27-1367	7		965754	5
		10120 W. FRO	NTAGE ROAD				to Contact			Transporter's D	OOT No.:	Ī
et 4						FAX#:	I BENS			1958 Customer Acco	ount Number	with TPS:
		SOUTH GATE,	· · · · · · · · · · · · · · · · · · ·		USA			06-185 <u>9</u>		10002	38	
·		Description of Soil	Moisture Content	Contaminated	by: Appr	ox. Qty:	Descri	ption of Deliv	very	Gross Weight	Tare Weight	Net Weight
Arrest and		Sand I Organic II Clay II Other II	0 - 10%	Gas U Diesel U Other U				v		80320	31120	49200
44.44		Sand  Organic  Other  Other	0 - 10%	Gas Diesel DOOL								49200 24.60
ý		List any exception to items listed	l above:				:	36889			·	
Property of		Generator's and/or consu Sheet completed and cert any way.f	iltant's certification: ified by me/us for the	I/We certify thu Generation Si	at the soil i te shown a	reference bove and	d herein is I nothing l	taken entire has been add	ly from ed or do	those soils desc one to such soil	ribed in the that would	Soil Data alter it in
177		Plant for Type Stagne: NL 15 Well	Generator 🗅	Consultant		lignatus ar	AND			- Mebil	7.	Day Year 23 98
Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.  Print or Type Name:    Month   Day   Yes   Condition   Print or Type Name:   Month   Day   Yes   Condition   Name											the same d Facility	
7	usb	Print or Type Name:	ing to, subtracting fre	m or in any w		Signature a		sue.			, Month ,	Day , Year
ļ	Tra	MI	ARK Fr	<del>y - e</del>			9/	<u>EM</u>	-6	<del>~~</del>	7	23 58
The same	IIIty	Discrepancies:	,		•				6			
N. 37	Facility		•									
140 M	lng	Recycling Facility certifies	s the receipt of the soil	covered by this 1	nanifest exc	cept ps no	ted above:					<u> </u>
	Recycling	Print or Type Name: D. Bartlett/				Signatur		21	اء ۾	hol	<u></u>	
ŝ	Ů,	ł				7	ノレ	1 [	14	·IU V		

	RESERVE.	TP:	Technolo Non-H	_	Soil Re ous Soils	ecycling		ં પ્રાથમાં	estell V	
	Date of Shipment:	Responsible for Pa	yment: Tra		Truck #	Facility #:	Giv	en by TPS:		Load #
	7-23-98	Generato	r		14	A07	1	0998		Ø82
	Generator's Name and Billing	Address:			Generator's			Generator's US	EPA ID No.	
1 1	MOBIL OIL COR					212-185	7			
	3700 W. 190TH	. STREET -	TPT2		Person to Co	ntact:	ļ			
	TORRANCE, CA	90509-2929	) US	SA	FAX#:			Customer Accou		ith TPS:
	Consultant's Name and Billing				Consultant's	Phone #:	Ì			
	ALTON GEOSCIE				Person to Co			<del></del>		
	25 A TECHNOLO	GY DRIVE,	STE. 200		reison to Co	лнаст.				
	IRVINE, CA 92	718	បៈ	SA	FAX#:			Customer Accor		ith TPS:
	Generation Site (Transport from	m): (name & address)			Site Phone #	<b>t</b>		BTEX Levels		1
	MOBIL OIL PRO	DUCTION F	ELD		Person to Co	ontact:		TPH		
<sub>≠</sub>	10607 NORWALK	BLVD			STEVE			Levels		
iltai					FAX#:		·	AVG.		
Consultant	SANTA FE SPRI		0670 U	SA				Levels		
ပိ	Designated Facility (Transport				Facility Pho			Facility Permit	Numbers	1
Generator and/or	TPS TECHNOLOG	SIES INC.			Person to C	62-8001				
anc	12328 HIBISCU	IS AVE.				N R. BAR	RTLET	f		1
į					FAX#:					
era	Adelanto, CA		U	SA		46-8004				
Gen	Transporter Name and Mailin				Transporter			Transporter's U		1
_	W.A. WOODS IN				Person to C	927-136	57	Transporter's E	965754	
	10120 W. FROM	NTAGE RUAD				BENSON		1958		
		a. 60000	•		FAX#:	806-185	=0	Customer Acco	ount Number	with TPS:
	SOUTH GATE, (			JSA				Gross Weight		Net Weight
	Description of Soil	Moisture Content	Contaminated by	/: Appr	ox. Gry:	Description of De	envery	Gloss Weight	rate weight	Wet Weight
	Sand O Organic O Clay O Other O	10 - 20%	Diesel O Other U Gas O			<u></u>		80200	28680	51520
	Sand 🗆 Organic 🗇 Clay 🗅 Other 🕽	10 - 20% 🗆 20% - over 🖸	Diesel 🗓 Other 🗓							25.70
	List any exception to items listed		, Otter d	<u></u>		3090	, ,	<u> </u>		
	Generator's and/or consul	Itant's certifications	I/We cortific that	the enil .	eferenced ha			those soils desc	cribed in the	Soil Data
	Sheet completed and certi	fied by me/us for the	Generation Site	shown a	bove and not	hing has been a	dded or de	one to such soil	that would	alter it in
	any way,				_//				<del></del>	<del> </del>
	Print or Type Name:	Generator 🗆	Consultant	⊐ ∫S	ignature and dat	Illo a	COUT	-Wobil	Month 7	23 98
1	Transporter's certification	ı: I/We acknowleds	e receipt of the so	il descri	bed above a	nd certify that s	ùch soil i	s being delivere	ed in exactly	the same
ž	condition as when receive	ed. I/We further ce	rtify that this soil	l is being	g directly tra	ansported from t	the Gener	ation Site to th	ne Designate	d Facility
Transporter	without off-loading, addin	ng to, subtracting fr	om or in any way						Month	Day Year
Trai	Print or Typy Viny	PANEV	A		Moderation and da	Jan	in	<u> </u>	Month 7	23 98
Γ	Discrepancies:	1			<u> </u>					
į		-				•				
Fac		•							•	
Recycling Facility	Recycling Facility certifies	the receipt of the soil	covered by this man	nifest exc	ept as noted a	above:				
, VC	Print or Type Name:	· · · · · · · · · · · · · · · · · · ·	- J		ignature and da					<del> </del>
Rec	D. Bartlett/	D. BENTON		1	Nh	- 1 1	12	Gd		
(T)	1					× 1(2	一つ	LO		

			TP	S Techno	ologi	es Soil	Recy	cling								
2		MANAGER STATE				ardous So				. V. Mani	lestal av					
ē	1	Date of Shipment:	Responsible for P Generato	ayment:	i ·	orter Truck #		Facility #:		ven by TPS:	ĺ	Load#				
A Section	L	7-23-98	02	*	13	2/2	<u> 22 </u>	A07	1	<b>099</b> 8		Ø81				
i		Generator's Name and Billing A					tor's Phone			Generator's US	EPA ID No.					
6.		MOBIL OIL CORP					<b>Ø)21</b> to Contact:	2-1857	7							
		3700 W. 190TH.	STREET -	TPT2		rerson	to Contact:					+				
Ĺ		TORRANCE, CA 9	0509-2929	•	USA	FAX#:				Customer Acco		eith TPS:				
į	1 1	Consultant's Name and Billing ALTON GEOSCIEN		<del></del>		Consul	tant's Phon	e #:	***************************************							
		25 A TECHNOLOG	SY DRIVE,	STE. 20	90	Person	to Contact:									
Ì		IRVINE, CA 927	'18		USA	FAX#:				Customer Acco 100186		vith TPS:				
	I	Generation Site (Transport from)		ובנה		Site Ph	one #:			BTEX Levels						
1		10607 NORWALK		LELD		Person	to Contact:			трн		in a				
	ant	IMBM/ NOKWALK	PLAD				VE PA	.O		Levels						
Section in the section of the section is a section of the section	usali	SANTA FE SPRIN	IGS. CA 90	0670 <u> </u>	USA	FAX#:				AVG. Levels		ž Ž				
1	S	Designated Facility (Transport to	o): (name & address)	· · · · · · · · · · · · · · · · · · ·		1 1	Phone #:			Facility Permit	Numbers	Ž.				
	ğ	TPS TECHNOLOGI	IES INC.				-862-									
and the second second	r and	12328 HIBISCUS	S AVE.			DAF	to Contact:	R. BAR	TLET	T						
Sandy Comment	eratc	Adelanto, CA 9			USA	FAX#: <b>76</b> 0	-246	-8004								
I,	gen	, ,				,				1 .		3				
	Ţ.	<b>0120 W. FRONTAGE ROAD</b> Person to Contact: Transporter's DOT No.:														
į		. A. WOODS INDUSTRIES       (310) 927-1367       CAD009657545         0120 W. FRONTAGE ROAD       Person to Contact: RON BENSON       Transporter's DOT No.: 1958														
,		SOUTH GATE, CA	A 90280		USA	FAX#		06-185	9		ount Number 1 38	with TPS:				
		Description of Soil	Moisture Content	Contaminated	i by: A	pprox. Qty:	Descri	ption of Del	ivery	Gross Weight	Tare Weight	Net Weight				
•		Sand 🗆 Organic 🗇 Clay 🖰 Other 🗅	0 - 10%	Gas 🖸 Diesel 🗅 Other 🗅						90440	30860	49580				
		Sand II Organic II Clay II Other II	0 - 10%	Gas Diesel Dother D								21.19				
diam'r.		List any exception to items listed abo						3691	5							
There were the		Generator's and/or consulta Sheet completed and certifie any way														
4,000		Print of the Name: We	Generator 🗅	Consultant	0	Signature di	id date:	elles	øge	NT-MG		23 98				
-	Transporter	Transporter's certification: condition as when received without off-loading, adding	. I/We further cer	rtify that this :	soil is b	eing directl	y transpor	ted from th								
ATT MINES	Trans	Print or Type Name:	NK DEA			Signature at					Month 7	23 98				
Service .	ity	Discrepancies:		1	7											
100	Facility	·														
Alexander.	ling	Recycling Facility certifies th		covered by this i	nanifest					<b>3</b>						
100	Recycling	D. Bartlett/D	. BENTON	<del></del> -		Signature	nd date:	1	2/	nd	7-23	-98				

A STACO A POST IN A A SESTIMAN IN A SESTIMAN A SESTIMAN A SESTIMAN A SESTIMAN A SESTIMAN A SESTIMAN A SESTIMAN

		TP	S Technolo	_			cling		- V Manii		
	e Memátest			• •	ous Soils	· · ·/			AND THE PROPERTY OF THE PARTY O	ESI # Y	
	Date of Shipment: 7-24-98	Responsible for P Generato	ayment: Tr		Teack #:	/24	Facility #: AØ7		en by TPS: 0998		Load # 080
	Generator's Name and Billing	Address:			Generator	§ Phone	#:	1	Generator's US	EPA ID No.	
	MOBIL OIL COR	PORATION			(310	) 21	2-1857				
	3700 W. 190TH	. STREET -	TPT2		Person to	Contact:					4
	TORRANCE, CA	90509-2929	e u:	SA	FAX#:				Customer Accor		ith TPS:
	Consultant's Name and Billin	g Address:			Consultar	it's Phone	e #:	İ	· · · · · · · · · · · · · · · · · · ·		
	ALTON GEOSCIE	ENCE									,
	25 A TECHNOLO	GY DRIVE,	STE. 200		Person to	Contact:					
	IRVINE, CA 92	2718	ប	SA	FAX#:				Customer Acco 100186		rith TPS:
	Generation Site (Transport fre		·		Site Phon	e #:			BTEX Levels		
	MOBIL OIL PRO	DOUCTION F	IELD		Person to	Cantact	<del></del>		TPH		
<u>.</u>	10607 NORWALI	K BLVD		•	STEV				Levels		
Itar					FAX#:	<u> </u>	<u> </u>		AVG.		
onsultant	SANTA FE SPR	INGS, CA 9	2670 U	SA				-	Levels		
S	Designated Facility (Transpo	rt to): (name & address)			Facility P	hone #:			Facility Permit	Numbers	
or	TPS TECHNOLO	GIES INC.					-8001				
and/or	12328 HIBISC	JS AVE.			Person to		: R. BART:	LET	Γ		
Generator	Adelanto, CA	92301	U	ISA	FAX#: 760-	246-	-8004				
ē	Transporter Name and Maili				Transpor	ter's Pho	ne #:		Transporter's U	JS EPA ID No.	-
10	W.A. WOODS I	NDUSTRIES					27-1367			965754	5
	10120 W. FRO	NTAGE ROAD			Person to				Transporter's I	OOT No.:	
					RON FAX#:	BENS	50N		1958 Customer Acco	unt Niumber i	with TPS:
	SOUTH GATE,	CA 90280		JSA	(316		26 <b>-1</b> 859		10002	38	-
	Description of Soil	Moisture Content	Contaminated by	/: Appro	ox. Qty:	Descri	ption of Delive	ery	Gross Weight	1 -	
	Sand I Organic I Clay I Other I	0 - 10%	Gas Q Diesel Q Other Q			<del></del>			80380	30920	49460
	Sand 🖸 Organic 🗗 Clay 🗇 Other 🔾	0 - 10%	Gas © Diesel © Other ©				·				24.7:
	List any exception to items listed	above:					36916				
	Generator's and/or consu Sheet completed and cert any way.	ltant's certification: ified by me/us for the	I/We certify that to Generation Site s	the soil ro shown al	eferenced l bove and n	herein is nothing l	taken entirely has been addee	y from i d or do	those soils desc ne to such soil	ribed in the . that would?	Soil Data alter it in
	Prin or Type Name:	Generator O	Consultant C		ignatule and	dat	Lage	·TUS	-Wib:1		Day   Yea 23   98
Transporter	Transporter's certification condition as when received without off-loading, additional control of the control o	ed. I/We further ce	rtify that this soil	is being	g directly	transpor	rted from the	soil is Genera	being delivere tion Site to th	d in exactly ie Designate	the same I Facility
Trans	Print or Type Name:	new Rivi	Steve	Si	ignature and	1 7	<i>[</i> ]-		. ,		23 94
2	Oiscrepancies.		·		<u> </u>						
na Facility T					,		<b>7</b> ,				
lina	Recycling Facility certifies		covered by this mar	•	·						
Recyclina	Print or Type Name: D. Bartlett	D. BENTON		s	ignature and	date:		7	EIN	17-	24-9

Remedial Excavation/Site Closure Report Mobil Jalk Fee Property October 14, 1998

#### APPENDIX D

SUMMARY OF SITE ASSESSMENT DATA FROM JUNE AND JULY 1997

230134\soilbtex.xls 10/13/97

Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997
Mobil Jalk Fee Properties

	16년 17년	BCB .	(20)	Ð	Ð	Ð	6	7.	Ð	Ω	₽	6	5	₽	,	Ð	-34	9	<u>.</u>	<u>e</u> :	<u>e</u>	Ð	<u>e</u>	Ð	eō.	٩	ρ	<u>.</u>	ı A	1 0	
	Vinyl	Chloride	(add)	S	Ω	Q.	Q N	8	8	S	Ω	N Q	N O	ΩZ	S	ΩŽ	S	2	3	2 Z	Ω Z	Ω Z	Ω	Ω	g	Ŋ	N	Ž	Ż	2	
	Methylene	Chloride	(pdd)	S O	Ŋ	ND	ΩN	Ω	ΩN	Ω Ω	ΩN	N	Ω	ΩN	Ŋ	Ŋ	Ŋ	2	Q.	Ω Z	Ω	N O	ΩN	ΩN	Ω	Q.	QX	ź	: Z	S	
24.0		Benzene	(ppb)	S	ΩN	Ω	S	ND	ΩN	Q.	Ω	S	Ω	ΝΩ	S	Q	ΝΩ	į	חצו	Ω	Ω	Ω	ΩN	QN	ΩN	Š	S	. E	. E	<u>8</u>	
	Ethyl	betzene	(qdd)	Q.	Š	Š	Q.	<del>Q</del>	QZ.	Q.	Š	Ω	Ω	S	Ω	ΩŽ	N Q	Ę	Š	Š	S	Š	Š	Q Z	Ω	Š	S	2 5	2 5	9	 
		Toluene	(pop)	ΩN	Ω	Q.	Š	S	SP	Š	S	Ω	ΩN	Ω	S	Ω	S	į	A Z	Š	R	Ŋ	S	ND	ΝΩ	Q.	2	9 5	2 5	9	
trans-1,2-	Dichlore	ethene	(qdd)	ΩN	Q.	ΩX	ΩN	3.6	S Q	Ω	ΩX	Ω	ΩŽ	Ω	5.2	Ą	4.3	4	à	Ω	Q	Q.	S	Ω	2.8	Z.	Š	2 2	2 5	2	)
ds-1,2-	Dichloro	ethene	(çdd)	Š	S	Ą	Q	21	Ν Ω	Ω	ΩN	12	3.1	4.0	190	12	130	!	a N	2.3	7.9	13	54	38	86	Ŋ	2	5 5	) v	6.5	;
	Ę	Xylenes	(pdd)	420	61	Ω	Ω	ΩN	S	Ω Z	ΩŽ	C	ΩŽ	Š	Q.	Q.	Ω	:	N.	Ŋ	Ω	Q.	Q.	ΩN	Q.	S	2	2 5	5 5	5 5	<b>)</b>
	b	Xylenes	(qdd)	ΩN	ΩX	S	Q	Ω	Ŋ	Ŋ	S	Z	ΩŽ	Š	ΩN	QN	Q	;	Q Z	Ŋ	Ŋ	QX	ΩN	S	Ω	Š	2	2 2	2 5	2 2	}
1,3,5	Trimethyl	benzene	(gdd)	ΩX	ΩN	Q Z	Q	Q	Q.	Ω	Ω Z	ž	2 2	Q Z	QX	QN.	Q	!	ΩN	Ω	Ω	ΩN	Ą	ΩN	Q	Š	<u> </u>	֝֞֝֞֝֝֞֝֝֟֝֝֟֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֡֡֡֡֡֓֓֡֡֡֝֞֡֓֡֡֡֡֡֡֡֓֡֡֡֡֡֡֡֡	5 5	2 2	<u>;</u>
1,2,4	Trimethyt	benzene	(qdd)	10000	1000	2	Ş	2	Q.	Q	CX	i S	2 E	Ω	2	2	Q	:	Q Z	S	S	N Q	S	S	N N	2	2	<u> </u>	<u> </u>	2 2	ב ב
ė	Propyt	benzene	(qdd)	0011	40	, Z	. Z	2 S	2 Z	N	Š	2	2 2	2	£	Q Z	£		S	Š	Ω Ω	Š	S	Ω Ω	NO	Ş	9 5	2 :	2 :	2 5	į
	Naphth	alene	(Qdd)	4400	90	Ş	2 5	e e	2 2	Q Z	Ş	2 2	ž ž	S	. E	, Z	Q.		S	Ω	S	ΩN	Q	QX	Q.	Ş	9 5	2 ;	<u>2</u> :	2 5	۲ ر
p-Iso	propyl	toluene	(qdd)	040	<u> </u>	5 2	2 2	ž ž	2 2	ΩŽ	. 2	2 2	2 2	2	Ş	? <del>2</del>	2		Q N	ΩN	Ω	QN	Q Z	Q.	Q	Ş	2 :	2 :	2 !	2 5	ž
150	propyl	benzene	(qdd)	023	S 5	3 5	2 2	2 £	2 5	2	Ş	2 5	2 2	2 2	2 2	2 5	2		2	N Q	O.	Q Z	Q Z	2	ΩŽ	Ş	2 :	Q !	Q i	g g	ž
Ē	Butyl	benzene	(qdd)	Ę	2 2	2 5	2 2	5 5	2 5	2 2	2	<u>.</u>	5 5	3 5	5 5	2 2	9		S	Q	Q	Š	. Z	ž	Ş	Ş	Ž ;	Ω Z	OZ.	2 5	S
360	Butyl	benzene	(gdd)	000	076	2 5	2 2	2 2	2 5	2 S	Ę	2 :	2 5	2 2	2 2	2 2	2 S		2	Q	S	Ş	Ę	2 2	2	ģ	ב ו	Q	Ω	2 :	ž
		TRPH	(mdd)		50.5	200	or 6	3 5	<u> </u>	23	e -	<u>۱</u>	27 7	g . F	\ \ \ \ \ \	o <b>*</b>	3 4		13	31	23	<u> </u>	2 0	7.7	: :		<u>~</u>	4	1,	11	12
		O enth	( <b>3</b> 6)		ი ;	2 :	<u>.</u>	2,5	3 5	35	,	n :	2 :	2 8	3 7	2 6	35.		ν,	. 2	<u>-</u>	; ;	2 4	3 5	3 6	•	n	2	15	200	25
		Sample	Date		/6/81/9							0/18/9/	:						6/18/97	5							6/19/97				
		2	Number		GP-25						;	GP-26							70.40	5			-			,	GP-28				

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Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997

Mobil Jalk Fee Properties

				sec-	tert-	Iso:	p-iso		n-	1,2,4-	1,3,5			cls-1,2-	trans-1,2-	1		1.11.				
				Butyl	Butyl	propyl	propyl	Naphth	Propyl	Trimethyl	Trimethyl	۰	m,p-	Dichloro	Dichloro		Ethyl		Methylene	Vinyl	e disease.	
Boring	Sample	Depth	TRPH	benzene	benzene	beuzene	toluene	alene	penzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	τc
Number	Date	(fbg)	(ppm)	(ppb)	(pob)	(ppb)	(ppb)	(ppb)	(ppb)	(dpb)	(ppb)	(ppb)	(ppb)	(ppb)	(ррв)	(ppb)	(ddd)	(ppb)	(ppb)	(pģb)	(dqq).	(PP
GP-28	6/19/97	30	11	ND	ND	ND	ND	ND	МD	ND	ND	ND	ND	18	ND	ND	ND	ND	ИД	ND	ND	NI
GP-29	6/19/97	5	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND	NI
		10	16	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Nl
		15	26	ND	ND	ND	ИD	ND	ИD	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Nl
		20	24	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2	N
		25	9,5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	N1
		30	25	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	NI
GP-30	6/19/97	5	26	ND	ND	ND	ND	ND	ND	8.5	2.4	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	NI
		10	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	NI
		, 15	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	NI
		20	20	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND .	ND	3.8	NI
		25	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	ND	ND	ND	43	NI
		30	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	NI
		35	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32	ND	ND	סא	ND	ND	ND	57	NI
GP-31	6/19/97	5	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	NI
		10	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI
•		15	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27	NI
		20	22	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ИD	ND	3.5	ND	ND	ND	ND	ND	NI
		25	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	NI
		30	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	NI
٠		35	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1400	NI
GP-32	6/19/97	5	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	מא	NI
		10	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.9	NI
		15	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	NI
		20	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	NI

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Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997

Mobil Jalk Fee Properties

	<del></del>			sec-	lert-	Lso	p-lso		n-	1,2,4-	1,3,5-			cls-1,2-	trans-1,2-							<del></del>
				Butyl	Butyl	propyl	propyl	Naphth	Propyl	Trimethyl	Trimethyl	0-	m,p-	Dichloro	Dichlore	.2	Ethyl		Methylene	Vinyl		
Boring	Sample	Depth	TRPH	benzene	beozene	beozene	toluene	alene	benzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	ŤС
Number	Date	(fbg)	(ppm)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb):	(ppb)	(ppb)	(ppb)	(ppb)	(pp
GP-32	6/19/97	25	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59	וא
(continued		30	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ΝD	ND	ND	ND	3.3	NI
(-2,,,,,,,	,	35	11	ND	ND	ND	ND	ND	ND	3.0	ND	ND	ND	5.5	ND	ИD	ND	ND	ND	ND	180	3.1
GP-33	6/19/97	5	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	N.
		10	12	ND	ND	ND	ND	ND	ND	4.4	ИD	ND	ND	ND	ND	ИD	ND	ND	ND	ИD	2.6	N.
		15	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	МD	ND	ND	ND	ND	23	Nl
		19.5	18	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	NI
		25	12	ИD	ИD	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	20	NI
		30	20	ИD	ND	ND	ND	ND	ND	ND	ND	ИĎ	ND	ND	ND	ND	ND	ND	ND	ND	22	NI
		35	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND	2.2	ND	ND	170	5.
GP-34	6/20/97	5	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	NI
		10	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N.
		15	11	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD	N.
		20	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	ND	ND	Nl
		25	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Nl
		30	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68	ND	ND	ND	ND	ND	ND	ND	N)
		35	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	10	N.
GP-35	6/20/97	5	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.6	ND	ND	ND	ND	ND	ND	ND	N
		10	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	ND	ND	ND	ND	ND	ND	ND	N.
		15	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	N.
		20	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	ND	ND	ND	ND	ND	ND	21	6.
		25	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,7	ND	ND	ND	ND	ND	ND	ND	N:
		30	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51 100	ND	ND	ND	ND	ND	ND	ND	NI
		35	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	6.7	- 5.t
GP-36	6/20/97	5	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N1

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Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997

Mobil Jalk Fee Properties

				sec-	tert-	Iso	p-Iso	Nashak	n-	1,2,4-	I,3,5-		<u></u>	cis-1,2- Dichloro	trans-1,2- Dichloro		Ethyl		Methylene	Vlnyl		
Boring Number	Sample Date	Depth (fbg)	TRPH (ppm)	Butyl benzene (ppb)	Butyl benzene (ppb)	propyl benzene (ppb)	propyl toluene (ppb)	Naphth silene (ppb)	Propyl benzene (ppb)	Trimethyl benzene (ppb)	Trimethyl benzene (ppb)	o- Xylenes (ppb)	m,p- Xylenes (ppb)	ethene (ppb)	ethene (ppb)	Toluene (ppb)	benzene (ppb)	Benzene (ppb)	Chloride (ppb)	Chloride (ppb):	PCE (ppb)	TC (pr
		4.0	2.400												10		NIP.					
GP-36	6/20/97	10	8400	240	32	12	ND	ND	ND	ND	ND	ND DN	ND מא	ND ND	10 ND	ND ND	ND ND	ND ND	ND DN	ND ND	ND ND	N
(continued)	)	15	23	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	טא סא	ND ND	ND	ND ND	ND	ND ND	ND ND	עא מא	ND ND	N N
		19.5	24 21	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	21	ND	ND	ND	ND	ND ND	ND ND	ND	N
		25 30	27	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.3	ND ND	ND	ND	ND	ND .	ND	ND	N
			23	ND ND	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND	ND ND	ND	N
		35	45	NU	טא	ND	עא	עא	ND	עא	ND	עא	עא	2.0	NU	ND	,10	ND	ND	שאו	ND	14
GP-37	6/20/97	5	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700	N.
		10	1500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI
		16.5	990	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	ND	6.7	ND	29	ИD	N)
		20	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43	ND	ND	ND	ND	ND	ND	ND	N.
		25	14	ND	ND	ND	ND	ИD	ND	ND	ИD	ND	ND	230	ND	ND	ND	ND	ND	ND	ND	Ν
		30	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	ND	N.
GP-38	6/23/97	5	6700	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	1000	N:
		10	3600	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	44	8.9	ND	ND	ND	29	ND	ND	6.4
		17	350	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	5,1	3.2
		20	28	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	5.0	ND	ND	ND	ND	23	ND	ND	N.
		25	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32	ND	ND	ND	ND	24	ND	17	5,:
		30	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19	ND	ND	ND	ND	ND	ND	2.2	N;
GP-39	6/23/97	5	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	ND	3.5	N:
		10	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	NI
		15	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47	NI
		20	9.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	13	NI
		25	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	ND	70	NI
		30	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	NI
		35	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	800	NI

Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997

Mobil Jalk Fee Properties

<del></del>		·····		sec-	tert-	Lso.	p-Iso		ne.	1,2,4-	1,3,5-	······································		cls-1,2-	trans-1,2-				2.0			
				Butyl	Butyl	propyl	propyl	Naphth	Propyl	Trimethyl	Trimethyl	0-	m,p-	Dichloro	Dichloro		Ethyl		Methylene	Vinyt		
Boring	Sample	Depth	TRPH	benzene	benzene	benzene	toluene	alene	benzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	T(
Number	Date	(Dg)	(ppm)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(pr
GP-40	6/23/97	5	280	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42000	N
		10	29	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	440	N
		15	25	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	N
		20	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32	ND	10	N
		25	18	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	57	N
		30	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	69	N
		35	29	ND	ND	ND	ИD	ND	МD	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	48	N
GP-41	6/23/97	5	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	N:
		10	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N'
		15	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.9	N:
		20	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	N
		25	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	80	N
		30	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	מא	ND	ND	32	ND	2.6	N
GP-42	6/23/97	5	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	21	ND	ND	N
		10	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
•		15	920	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		20	8.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		25	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	ND	ND	ND	ND	ND	ND	ND	N
		30	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N.
GP-43	6/24/97	5	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		10	20	ND	ND	ND	ND	ND	ND	ИD	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		15	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		20	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N.
		25	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2	ND	ND	ND	ND	ND	ND	2.2	NI.
		30	12	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N:

Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997

Mobil Jalk Fee Properties

	·····			sec•	tert-	Lso	p-lso		n-	1,2,4	1,3,5-			ds-1,2-	trans-1,2.							
				Butyl	Butyl	propyl	propyl	Naphth	Propyl	Trimethyl	Trimethyl	0-	m,p-	Dichloro	Dichloro		Ethyl		Methylene	Vinyi	and the	
Boring	Sample	Depth	TRPH	benzene	benzene	benzene	toluene	alene	benzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	TC
Number	Date	(fòg)	(ppm)	(ppb)	(ppb)	(ppb)	(ppb).	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(pr
	<del></del>																					
GP-44	6/24/97	5	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		10	220	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	N
	•	15	2300	ND	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		20	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		25	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.3	2.0	ND	ND	ND	ND	ND	3.5	2.
		30	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
GP-45	6/24/97	5	390	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N.
		10	68	ND	ND	ND	ND	ND	ND	dИ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N:
		15	43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N.
		20	41	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		25	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		30	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
GP-46	6/24/97	5	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	И
Q1 -40	0,24,7,	10	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		15	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	עט	ND	ND	N
		20	32	סא	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		25	40	ND	ND	ND	ND	ND	מא	ND	ND	ND	ND	4.7	ND	ND	ND	ND	ND	ND	ND	N
		30	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	N
			VID.	MD	MD	M	NB	MD	ND	ND	ND	ND	ND	ND	ND	NID	ND	ND	ND	NID	40	<b>N</b> 7
HS-1	7/13/97	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	אם מא	ND ND	ND ND	ND	ND ND	עט מא	-	ND ND	48	N
		11	ND	ND	ND	ND	ND ND	ND ND	ND	ND	ND	עא סא	עא DN	עע DN	ND	ND ND	ND	ND	ND	ND	89	N
		21	ND	ND ND	ND ND	ND ND	ND	ND	ND .	ND	ND ND	ND	ND	ND ND	ND	ND ND	ND	ND	ND ND	ND ND	19	N
		26	17 8.1	ND ND	ND ND	ND ND	עא סא	ND	מא מא	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	580	
		31 41.5	5.1 7.8	ND ND	ИD	ИD	ND	ND	ND	ND	ND	ND	אם DN	ND	ND	ND	ND	ND	ND	ND ND	170	3./ NT:
		41.5	7.8 17	ND	ND	ND	ИD	ND	מא מא	ND	ND	מא מא	ND	ND	ND	ND	ND	ND	ND	ND	3.8	N. N.
		46 51	17	ND	ND	ND	ND	ND -	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17 3.2	N. N.
		51	(7	עא	IND	עא	ND	י ענויו	IVU	1460	שוז	עוון	עוו	עווי	112	מאו	1117	717	1110	עווּוּ	3.4	IV.

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Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997

Mobil Jalk Fee Properties

	<del></del>			sec-	tert-	Iso .	p-lso		n•	1,2,4-	1,3,5-			cls-1,2-	trans-1,2-				44-			
				Butyl	Butyl	propyl	propyl	Naphth	Propyl	Trimethyl	Trimethyl	- 0-	m,p-	Dichloro	Dichloro		Ethyl		Methylene	Vinyl		
Boring	Sample	Depth	TRPH	benzene	benzene	benzene	toluene	alene	Denzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	TC
Number	. Date	(fbg)	(ppm)	(ppb)	(dod)	(ppb)	(ppb)	(dqd)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(pp
HS-1	7/13/97	61	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	וא
HS-2	7/12/97	6.5	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	2.:
		11	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150	ND	ND	ND	ND	ND	ND	ND	15
		16		ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	9.3	ND	2.7	ND	ND	ND	ND	3.9	NJ
		21	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56	ИD	ND	ND	ND	ND	ND	3.7	3.8
		26	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	580	ND	ND	ND	ND	ND	ND	55	47
		31	15	ND	ND	ND	ND	ND	ND	ИD	ND	ИD	ИD	910	ND	ND	ND	ND	ND	ND	76	64
		36.5	12	ND	ND	ND	ND	ND	ИD	ND	ND	ИD	ND	160	ND	ND	ND	ND	ND	ND	25	14
		41.5	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.	ND	ND	ND	ND	ND	ND	2.6	NI
		46	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.8	ND	ND	ND	ND	ND	ND	3.1	NI
		51.5	18	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND	ND	ND	NI
		56		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.2	ND	ND	ND	ND	ND	ND	ND	Nl
		61	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	מא	ND	DM	Nl
HS-3	7/12/97	6	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	830	ИD	ND	ND	ND	ND	ND	ND	NI
		11	2300	68	ND	27	ND	ND	22	ND	ND	ND	ND	57	ND	ND	ND	20	ND	ND	ND	N1
		16	••	2800	ND	1500	ND	7900	2400	ND	ND	ND	ND	17000	ND	ND	ND	980	ND	ND	ND	NI
		21		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93	ND	ND	ND	ND	ND	ND	ND	NJ
		26	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1000	ИD	ND	ND	ND	ND	ND	ND	NI
		31	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2000	ND	ND	ND	ND	ND	ND	ND	NI
		36	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD	420	מא	ND	ND	4.4	ND	ND	18	6.:
		41	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	270	ND	ND	ND	ND	ND	ND	7.4	4,:
		46	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	NI
		51	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	7.0	NI
		56		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	41	ND	ND	ND	ND	ND	ND	12	2.8
		61	14	ND	סא	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	ND	ND	ND	ND	ND	25	7.5
HS-4	7/12/97	6	960	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI.

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Table 1

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES
June 18, 1997 through July 13, 1997

Mobil Jalk Fee Properties

<del></del>				sec-	tert-	Iso	p-lso		n.	1,2,4-	1,3,5•			cis-1,2-	trans-1,2-	<del></del>		The state of the s				<del></del>
				Butyl	Butyl	propyl	propyl	Naphth	Propyl	Trimethyl	Trimethyl	0-	m,p-	Dichloro	Dichloro		Ethyl		Methylene	Vinyi		
Boring	Sample	Depth	TRPH	benzene	benzene	benzene .	toluène	alene	benzene	benzene	benzene	Xylenes	Xylenes	ethene	ethene	Toluene	benzene	Benzene	Chloride	Chloride	PCE	TC
Number	Dute	(fbg)	(ppm)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ррБ)	(ppb)	(ppb)	(ppb)	(pr
HS-4	7/12/97	11	2100	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.4	5.3	ND	ND	ND	ND	9.1	ND	N
		16	4.00	7.5	ND	2.7	ND	13	4.3	ND	ND	ND	ND	15	3.3	ND	ND	ND	ND	ND	ND	N
(continue	:4)	21		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66	6.1	מא	ND	ND	ND	8.6	2.3	2,
		26	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	13	ND	ND	ND	ND	16	8.7	7.
		31	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	8	ND	ND	ND	ND	9.4	11	6.
		36	8.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48	2.3	ND	ND	ND	ND	ND	8.5	2.
		41	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	5.3	ND	ND	ND	ИD	ND	46	13
		46	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	7.1	N.
		51		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	22	6.
		56	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	4	N.
		61	8.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	N
HS-5	7/13/97	6.5	940	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		11	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		16	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		21	6,4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	N
HS-6	7/13/97	6.5	230	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11	5.7	ND	ND	NĎ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		16	5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
HS-7	7/13/97	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND	N
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	מא	ND	מא	ND	N
		16	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
		21.5	8.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N
HS-8	7/13/97	6	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	N
		11	140	ND	ND	ND	ND	ND	ND	ND	ND	6.8	17	ND	ND	ND	3.8	ND	ND	ND	3.5	N
		16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N

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Table 1

#### Mobil Jalk Fee Properties June 18, 1997 through July 13, 1997 RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES

															noitanis	gasoline dis	rbons with ;	ljon sqe seve	il petroleu achloroeth hloroethei i below gr ta per mill ts per pitti	iiəi iii əəl fee	bbm = 176 pb = 176 p	
Z Z Z	ND ND ND	ND ND ND	ND ND ND	ND ND	4.1 ND ND	ND ND 3	ND ND ND	ND ND ND	ИD ИD 38	ND ND 13	ИР ИР ИР	ИD ИD ИD	ИD ИD ИD	ND ND ND	ND ND	ND ND ND	ND ND ND	ND ND	11 11 066	91 11 9	L6/81/L	6-SH
OT.	(bbp) bCE	Vinyl Chloride (ppb)	emelydredd ebinoldd (ddd)	(bbp)	igh3 snazned (dqq)	Toluene (dqq)	-S, I-sakni onoidol C anadis (dqq)	etsel,2- Dichloro ethene ethene	m,p- Xylenes (ppb)	−o zənəl{X (dqq)	1;3,5- Trilmethyl benzene (dqq)	1,2,4. Denzene Trime(hyl	rn- Denzene Propyl	daphrh sene (dqq)	osl-q Itqorq sasvlot (dqq)	(bbp) penseue probyl	(ddd) pensene gath gath	-595 Parisene (dqq)	H4AT (mqq)	Depth	Sample Date	Eoring Mumber

ØΝ

not analyzed, measured, or collected

not detected; see official laboratory reports for detection limits

Table 2

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES

June 18 to 20, 1997

Mobil Jalk Fee Properties

Sample Number	Sample Date	Depth (fbg)	8015 Extractable (uel HC (ppm)	418.1 TRPH (ppm)	Acena phtene (ppb)	Benz (a) anthracene (ppb)	Benzo (a) pyrėnė (ppb)	Benzo (b) Nuoranthene (ppb)	Benzo (g,h,i,) perylene (ppb)	Benzo (k) fluoranthene (ppb)	Chrysene (ppb)	Dibenz (a,h) anthracene (ppb)	Fluor anthene (ppb)	Ideno (1,2,3-cd) pyrene (ppb)	Naph thalene (ppb)	Phen anthrene (ppb)	Pyres (ppb
GP-25	6/18/97	5	3600*	7400		3000	110	350	370	ND	14000	4000	3500	ND	2400	18000	370(
GF-23	0/10/9/	10	1300*	9100	470	720	38	110	ND	61	770	1000	1000	ND	200	4200	1300
		15	ND	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE
•		20	ND	29	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.0	NE
		25	ND	12	ND	ND	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND	NE
GP-26	6/18/97	35	ND	14	ND	ND	ND	ND	ND	ND	מא	ND	ND	ND	ND	ND	ND
GP-32	6/19/97	5	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	ND
GP-34	6/20/97	5	ND	14	ND	ND	ND	ND	ND	ND	ND	מא	ND	ND	ND	ND	ND
GP-37	6/18/97	5	290**	2300	1100	69	91	42	83	36	64	59	160	67	ND	110	130
		10	300**	1500	6500	2300	2500	1300	1700	1100	4200	2100	7100	1700	ND	5000	4900
HS-3	7/12/97	6	430*	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		. 11	1100*	2300	ND	270	ND	ND	ND	ND	ND	ND	1100	ND	ND	640	ND
		26	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ИD	מא
		46	ND	10	ИD	ND	ND	ИD	ND	ND	ND	ND	ND	ИD	21	ND	ND
		-51	ND	11	ND	ND	ND	ND	ND	ND	ND	ПЛ	ND	ND	ND	ND	NC
HS-5	7/13/97	6.5	200*	940	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE
HS-5	7/13/97	16	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE
HS-6	7/13/97	6.5	77*	230	ND	ND	סא	ND	ND	ND	ND	ND	ND	ND	ND	ND	ДN
HS-8	7/13/97	11	ND	5.7	ND	ND	ND	ND	ND	ND	. ND	ND	ND	ND	ND	ND	ND

#### Table 2

# RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES June 18 to 20, 1997

#### Mobil Jalk Fee Properties

Sumple Number	Sample Date	Depth (fog)	fuel HC	418:1 TRPH (ppm)	Acena phtene (ppb)	Benz (a) anthracene (ppb)	Benzo (a) pyrene (ppb)	Benzo (b) Nuoranthene (ppb)	Benzo (g,h,l,) perylene (ppb)	Benzo (k) fluoranthene (ppb)	Dibenz (a,h) anthracene (ppb)	Fluor anthene (ppb)	(1,2,3-cd) pyrene (ppb)	Naph thalene (ppb)	Phen anthrene (ppb)	Pyrei (ppb
Notes:	TRPH		al petroleum hydr	ocarbons w	ith gasoline	distinction				-				•		
	fog	≖ ſce	t below grade													
	pom	= par	ts per million													
	ppb	= par	ts per billion													
	ND	= not	detected; see off	icial laborat	ory report f	or detection limi	ts									
	••	≖ not	analyzed, measu	ed, or colle	ected											
	•	= Hy	drocarbons detect	ed by EPA	Method 801	5 range from C	3 to C40.									
	**	= Hv	rocarbons detect	LA LU DDA	Marked 901	5 conce from C	4 to C40						*			

Table 3

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES

CAM Metals

July 12 and 13, 1997

Mobil Jalk Fee Properties

				v	Vell Numb	er -	Service Sergific			STLC	TTLC
ANALYTE	HS-3-6	HS-3-11	HS-3-26	HS-3-46	HS-3-51	HS-5-6.5	HS-5-16	HS-6-6.5	HS-8-11	Max. Limit	Max. Limit
	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	500
Arsenic	ND	4.1	14	2,1	ND	3.2	ND	2.4	4.5	5.0	500
Barium	100	100	680	45	85	130	120	110	130	100	10000
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.75	75
Cadmium	ND	ND	0.59	ND	0.55	1.1	0.75	0.69	0.64	1.0	100
Chromium, VI	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0	500
Chromium, total	19	23	28	9.8	16	34	22	22	22	5.0	2500
Cobalt	10	12	19	4.6	10	13	11	12	12	80	8000
Copper	17	24	38	9.1	17	33	22	18	20	25	2500
Lead	6.1	7.6	9.4	ND	2.7	43	5	4.4	4.9	5.0	1000
Mercury	0.038	0.039	0.064	0.041	0.066	0.044	0.067	0.049	0.040	0.20	20
Molybdenum	ND	ND	ND	ND	ND	3.1	ND	ND	ND	350	3 <i>5</i> 00
Nickel	21	26	35	9.1	16	27	23	20	21	20	2000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	D	1,0	100
Silver	ND	ND	ND	ND	ND	ND	ND	ND	D	5.0	500
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.0	700
Vanadium	37	43	63	15	3 <i>5</i>	37	30	39	36	24	2400
Zinc	60	48	75	20	44	86	55	46	45	250	5000

Notes: STLC = Soluble Threshold Limit Concentration

TTLC = Total Threshold Limit Concentration

ppm = parts per million

= not detected above laboratory detection limits, refer to official laboratory reports

Table 4

## RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES ORGANOCHLORINE PESTICIDES AND PCBs

July 12 and 13, 1997

Mobil Jalk Fee Properties

•				SAMPL	E NUMBER	& DATE			
	HS-3-6'	HS-3-11	HS-3-26	HS-3-46	HS-3-51'	HS-5-6.5	HS-5-16	HS-6-6.5'	HS-8-11'
ANALYTE	7/12/97	7/12/97	7/12/97	7/12/97	7/12/97	7/13/97	7/13/97	35624	35624
	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(µg/kg)	(μg/kg)	(µg/kg)
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND -	ND
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND .	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND:
4,4'-DDT	ND	ND	ND	ND	31	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endolsulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND .
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND .	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND

#### Table 4

## RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES ORGANOCHLORINE PESTICIDES AND PCBs

July 12 and 13, 1997

Mobil Jalk Fee Properties

•					SAMPL	E NUMBER .	& DATE			
	-	H3-6'	H3-111	H3-26'	H3-46'	H3-511	H5+6.5'	H5-16'	H6-6.5	H8-11'
ANALY	TE	7/12/97	7/12/97	7/12/97	7/12/97	7/12/97	7/13/97	7/13/97	35624	35624
. 1.2222	19. July 32.	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(μg/kg)	(µg/kg)	(μg/kg)	(μg/kg)	(μg/kg)
				Poly	chlorinated Bi <sub>l</sub>	ohenyls				
		_		N.D.	ND	ND	ND	ND	ND	ND
PCBs		ND	ND	ND	ND	ND	ND	ND	ND	ND
				ND	ND		ND	ND	ND	ND
	s collected a	ND  tre measured in feet b		ND	ND	UND	עא		ND	RD .
	s collected a	ere measured in feet b	elow grade. per kilogram			UN	ND		ND	140
All sample.		ere measured in feet b	elow grade. per kilogram see official labora	ND		UN	ND	. HD	ND	ND

Table 5

# RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES PHYSICAL PARAMETERS July 12 and 13, 1997

Mobil Jalk Fee Property

	•							·			25.0 PSI C	onfining Stress
<del></del>			<del></del>		· · · · · · · · · · · · · · · · · · ·					Total	Native	Native
				Moisture		isity	Effective	· A	Pore Fluid	Organic	Permeability	Air
Sample	Sample	Soil	Sample	Content	Bulk	Grain	Porosity	Satu	ration, % Pv	Content	To Air	Conductivity
TD	Depth	Туре	Orient.*	(% wt)	(g/cc)	(g/cc)	(%Vb)	Water**	Hydrocarbon***	(mg/kg)	(millidarcy)	(cm/s)
HS-1	16	Sandy Silt	٧	4.11	1.69	2.68	36.9	19.3	ND	6200	1,489	7.92E-02
	36	Silty Sand	٧	19.2	1.65	2.72	39.1	84.5	ND	110	7.34	4.51E-04
	55.5	Sand	٧	31.6	1.36	2.70	49.6	84.9	ДN	110	0.165	1,44E-05
HS-2	16	Sandy Silt	v	4.39	1.42	2.66	46.5	15.1	ND	410	18,306	9.68E-01
	26	Clay	V	23.1	1.59	2.70	41.3	89.4	ND	< 100	0.424	3.14E-05
	56	Sand	٧	4.41	1.54	2,66	42.3	17,4	ND	< 100	22,385	1.18E+00
HS-3	16	Sandy Silt	v	21.2	1.43	2.69	46.7	45.4	24.0	12,900	53.8	2.94E-03
	21	Clay	V	15.5	1.41	2,72	48.3	48.8	ND	390	353	1.88E-02
	- 56	Sand	V	7.99	1.39	2.68	48.1	24.2	ND	140	11,084	5.89E-01
HS-4	16	Sandy Silt	У	15.4	1.54	2.69	42.7	57.7	ND	2,200	373	1.97E-02
	21	Clay	V	16.5	1.47	2,72	46.0	56.3	ND	300	228	1.21E-02
	51	Silty Sand	V	30.9	1.40	2.68	48.0	92.8	ND	160	0.256	2.04E-05
	Notes:	•	= sample or	ientation: H = horizon	ral: V = vertical							
		••	•	cc used for calibration	,							
		***	= 0,8500 g/	cc used for calibration								
		PSI	<ul> <li>pounds pe</li> </ul>	r square inch						•		
		% Pv	≠ percent vo	olume (cubic centimeter	•)							
		% wt	m percent w	-								
		B. 00		cubic centimeter								
		•	•	ılk volume (cubic centi	meter)							
		mg/kg	=	s per kilogram								
		cm/s	<ul> <li>centimete</li> </ul>	r per second								

Table 6

RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
GASOLINE-RANGE HYDROCARBONS
March 1994 through March 1997

Mobil Jalk Fee Property

		Elevation	Depth to	Groundwater		+ 2 mg		Ethyl-	Total
Sample	Sample	TOC	Water	Elevation	TPH-G	Benzene	Toulene	benzene	Xylenes
Number	Date	(feet)	(feet)	(feet)	(μg/l)	(μg/l)	(μg/l)	(μg/l)	(µg/l)
MMW-3	03/15/94	134.26	64.92	69.34	ND	4	13	26	101
	06/22/94	134.26	63.08	71.18	ND	ND	ND	ND	ND
	09/16/94	134.26	64.34	69.92	ND	ND	3	ND	6
	12/16/94	134.26	66.21	68.05	ND	ND	8	2	8
	03/08/95	134.26	64.95	69.31	ND	28	28	2	18
	* 03/26/97	99.17	62.25	36.92	ND	ND	ND	ND	ND
MMW-4	03/15/94	131.40	64.36	67.04	ND	ND	4	10	38
	06/22/94	131.40	62.73	68.67	ND	ND	ND	ND	ND
	09/16/94	131.40	64.32	67.08	ND	ND	ND	ND	ND
	12/16/94	131.40	66.10	65,30	ND	ND	7	3	9
	03/08/95	131.40	65.38	66.02	ND	2	2	ND	1
	* 03/26/97	96.34	61.57	34.77	ND	ND	ND	ND	ND
MMW-5	03/15/94	133.38	66.26	67.12	ND	ND	ND	11	37
	06/22/94	133.38	64.45	68.93	ND	ND	ND	ND	ND
	09/16/94	133.38	65.61	67.77	ND	ND	ND	ND	ND
	12/16/94	133.38	67.34	66,04	ND	ND	1	2	1
	03/08/95	133.38	66.16	67.22	ND	ND	ND	ND	ND
	* 03/26/97	98.33	63.45	34.88	400	ND	ND	ND	ND
Notes:	TOC	= top of c	asino						
	TPH-G	-	_	ocarbons with gaso	line distinct	rion			
	μg/I	•	ams per liter						
	ND	_	•	icial laboratory repo	orts for deta	ection limits			
	110			red, or collected	101 4611				
	*			rary benchmark of	100 feet				
		- 111643411	··· (U all albit	inij benembark di	2 0 0 3 D D L				

Table 7

RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES VOLATILE ORGANICS, METALS, AND WATER QUALITY

March 1994 through March 1997

Mobil Jalk Fee Property

				Volatile	Organics	or in the solid g <u>alled i</u> 1880	Metals			Water Quality				
Sample Number	Sample Date	РСЕ (µg/l)	TCE (µg/l)	1-1, DCA (μg/l)	1,1- DCE (µg/l)	Mn (mg/l)	Mercury (mg/l)	Zn (mg/l)	Chloride (mg/l)	Fluoride (mg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Dissolved Solids (mg/l)	
MMW-3	3/15/94	5	25	2	10		ND	89	_				1200	
	6/22/94	4	24	2	8				•••			***	1300	
	9/16/94	ND	12	ND	3				-			<b></b>	1700	
	12/16/94	3	17	2	5		•=		-	-	· <u>-</u>	•	1300	
	3/8/95	4	20	. 2	2					-			1100	
	3/26/97	12	23	2.0	7.0	0.58	0.011	0.45	170	ND	25	230	1200	
MMW-4	3/15/94	4	18	ND	2		0.4	56					1100	
	6/22/94	2	16	ND	ND	••			**			*-	1100	
	9/16/94	ND	6	ND	ND	••	••	••	**		**		1700	
	12/16/94	i	6	ND	ND		••	••					1200	
	3/8/95	5	. 9	ND	ND		••		••				1300	
	3/26/97	4.2	4.0	ND	ND	ND	0.0027	0.077	200	ND	21	200	1400	
MMW-5	3/15/94	330	60	ND	5	••	ND	ND	-	-			1100	
	6/22/94	930	100	ND	ND				_			-	1100	
	9/16/94	830	82	ND	ND	**					-	•••	1200	
	12/16/94	1400	140	ND	5				-	-	-	-	1100	
	3/8/95	2200	180	ND	ND	**		<b>*</b> **		-	***		1200	
	3/26/97	1100	88	ND	ND	0.70	ND	0.40	230	ND	1.9	230	1400	

Table 7

## RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES VOLATILE ORGANICS, METALS, AND WATER QUALITY

#### March 1994 through March 1997

Mobil Jalk Fee Property

	Sample Date	Volatile Organics Metals† Water Quality
Sample Number		1-1, 1,1-  Dissolved  PCE TCE DCA DCE Mn Mercury Zn Chloride Fluoride Nitrate Sulfate Solids  (μg/l) (μg/l) (μg/l) (μg/l) (mg/l) (mg/l) (mg/l) (mg/l) (mg/l) (mg/l) (mg/l)
Notes;	PCE	= tetrachloroethene
	TCE	= trichloroethene
	1-1 DCA	= 1,1-Dichloroethane
	i-i DCE	= 1,1-Dichloroethene
	Mn	= manganese
	Zn	= zinc
	μg/1	micrograms per liter .
	mg/l	= milligrams per liter
	ND	mot detected; see official laboratory reports for detection limits
		= not analyzed, measured, or collected
	4	= only metal constituents detected above laboratory detection limits are shown